

SITE INFORMATION

Report Type: Closure Report NAPP2112555381

General Site Information:

| | | | | | | |
|-----------------------------|---|---------|-------|--------------|--|--|
| Site: | Caballo Section 23 Tank Battery | | | | | |
| Company: | EOG Resources | | | | | |
| Section, Township and Range | | Sec. 23 | T 25S | R 33E | | |
| Lease Number: | | | | | | |
| County: | Lea County | | | | | |
| GPS: | 32.122741°N | | | 103.542910°W | | |
| Surface Owner: | Federal | | | | | |
| Mineral Owner: | | | | | | |
| Directions: | From the intersection of Battle Axe Rd and J-2, travel northeast on Battle Axe Rd for 2.80 miles, turn northwest onto lease road and continue for 3.55 miles, turn east onto lease road for 0.30 miles to location. | | | | | |
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Release Data:

| | |
|---------------------------------|-------------------------|
| Date Released: | 6/8/2019 |
| Type Release: | Oil & Produced Water |
| Source of Contamination: | Heater Treater |
| Fluid Released: | 1 bbl oil & 7 bbl water |
| Fluids Recovered: | 1 bbl oil & 4 bbl water |

Official Communication:

| | | | |
|----------------------|--|--|--|
| Name: | Todd Wells | | Clair Gonzales |
| Company: | EOG Resources | | Tetra Tech |
| Address: | 5509 Champions Dr | | 901 West Wall St. |
| | | | Ste 100 |
| City: | Midland Texas, 79706 | | Midland, Texas |
| Phone number: | (432) 686-3613 | | (432) 687-8123 |
| Fax: | | | |
| Email: | Todd_Wells@eogresources.com | | Clair.Gonzales@tetrattech.com |

Site Characterization

| | |
|------------------------------|------|
| Depth to Groundwater: | >55' |
| Karst Potential: | Low |

Recommended Remedial Action Levels (RRALs)

| Benzene | Total BTEX | TPH (GRO+DRO) | TPH (GRO+DRO+MRO) | Chlorides |
|----------|------------|---------------|-------------------|--------------|
| 10 mg/kg | 50 mg/kg | 1,000 mg/kg | 2,500 mg/kg | 10,000 mg/kg |

June 15, 2022

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**RE: Closure Report
EOG Resources
Caballo Section 23 Tank Battery
Lea County, New Mexico
nAPP2112555381**

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Caballo Section 23 Tank Battery, Unit B, Section 23, Township 25 South, Range 33 East, Lea County, New Mexico (Site). The spill site coordinates are 32.122741°, -103.542910°. The site location is shown on **Figures 1 and 2**.

Background

According to the State of New Mexico C-141 Initial Report, the release at the Caballo Section 23 Tank Battery was caused by a pin hole in the LP heater water leg, causing a release of approximately 1 bbls of oil and 7 bbls produced water. Approximately 1 bbls of oil and 4 bbls of produced water were recovered. On June 8, 2019, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**.

Site Characterization

Significant Water Features

According to the NFHL (National Flood Hazard Layer) Flood Data Application and the USGS (United States Geological Survey) National Water Information System Mapper, there were no watercourses, lakebeds, sinkholes, playa lakes, springs, wetlands, subsurface mines, private domestic water wells, or floodplains located within the specified distances. Additionally, the site is located in a low karst area. The NFHL Map and USGS Mapper are shown in **Appendix B**.

Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within an incorporated municipal boundaries, defined municipal fresh water well field, or a school district. Additionally, there were no occupied permanent residences, schools, hospitals, institution, or churches located within the specified distances of the lateral extents of the release.

Groundwater Review

Groundwater research was completed for the site through the USGS (United States Geological Survey) National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Groundwater research conducted through these two resources, show the two closest water wells within a 3 mile radius of the Site. The well reported on the USGS National Water Information System reports water level measured at 204.35 ft bgs and is approximately 2.78 miles of the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 150 ft bgs and measured water level of 110 ft bgs and is approximately 1.81 miles of the Site. The groundwater information is shown in **Appendix B**.

| Distance from Site | Date of Data | Resource of Information | Depth of Well | Depth to Water |
|--------------------|--------------|-------------------------|---------------|----------------|
| 1.81 Miles | 6/30/1925 | NMOSE | 150' | 110' |
| 2.78 Miles | 3/25/1981 | USGS | N/A | 204.35' |

Depth to Water Determination

On September 21, 2021, Scarborough Drilling, Inc was onsite to a drill a groundwater determination borehole to 55' below ground surface and within a ½ mile radius of the location. The borehole was left open for 72 hours and checked for the presence of groundwater. No water was detected in the borehole at 55' below surface. The borehole coordinates are 32.12283°, -103.54208°. The driller log and borehole figure is shown in **Appendix B**.

Regulatory

A risk-based evaluation was performed for the site following the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization, the proposed RRAL beyond the top 4.0' of soil, for TPH is 1,000 mg/kg (GRO + DRO) and 2,500 mg/kg (GRO + DRO + ORO). Additionally, based on the site characterization, the proposed RRAL beyond the top 4.0' of soil, for chlorides is 10,000 mg/kg.

Tetra Tech 2019 Site Assessment and Remediation Activities

2019 Assessment Activities

Tetra Tech conducted site assessment activities on June 24, 2019, a total of eight (8) auger holes (AH-1 through AH-8) were installed to total depths ranging from 1.0 ft bgs to 4.5 ft bgs to attempt to assess the impacted the area. The impact and sample locations are shown on **Figure 3**.

The samples were submitted to Xenco Laboratory in Midland, Texas to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix C**.

Based on laboratory data from the June 24, 2019 sampling event, all auger holes (AH-1 through AH-8) indicated chloride concentrations above RRALs, with concentrations ranging from 776 mg/kg to 6,190 mg/kg, at depths ranging from surface to 3.5 ft bgs. Auger holes (AH-4 through AH-8) indicated TPH concentrations above RRALs, with concentrations ranging from 155 mg/kg to 4,350 mg/kg, at depths ranging from surface to 1.5 ft bgs. However, auger holes (AH-4 through AH-8) were vertically delineated for TPH, and the auger holes (AH-2, AH-5, AH-7, and AH-8) were not vertically delineated for chlorides.

2019 Remediation Activities

Tetra Tech conducted remediation activities from October 11, 2019 to November 5, 2019. The areas of impact within the pasture area (AH-1 through AH-4), were remediated to a depth of 4.5 ft bgs. The areas of impact on the pad (AH-5 through AH-8), were remediated to a depth of 1.5 ft bgs. The remediation areas and depths are shown on **Figure 4**.

Following remediation activities, Tetra Tech conducted confirmation sampling by collecting 5-point composite bottom hole samples and 5-point composite sidewall samples every 200 square feet within the area remediation. All confirmation samples are collected as a composite 5-point die pattern to ensure a representative sample of full depth of sidewalls and the entire floor of the excavation. A total of thirty-three (33) bottom holes (BH-1 through BH-33) were collected and a total of seventeen (17) sidewalls (NSW-1 through NSW-6, SSW-1 through SSW-6, ESW-1 through ESW-3, and WSW-1 through WSW-2) were collected to confirm full removal of impacted soil. The confirmation soil samples were submitted to the Xenco Laboratory in Midland, Texas and Cardinal Laboratory in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 2** and the analytical laboratory reports are included in **Appendix C**.

Regarding all final samples collected from the remediation of the pasture area and the pad, analytical results indicated benzene or BTEX concentrations were below the laboratory detection limits. However, due to safety concerns, equipment, and access issues, confirmation samples within the pasture and pad remediation indicated exceedances that were not remediated further in 2019. Regarding the areas of remediation of the impact within the pasture, the sidewall (WSW-1) indicated TPH concentrations above the RRALs, with a concentration of 382 mg/kg. Additionally, the area of remediation of the impact in the pasture, sidewalls (SSW-2 and SSW-3) indicated chloride concentrations above the RRALs, with concentrations of 1,300 mg/kg and 896 mg/kg, respectively. Regarding the areas of remediation of the impact within the pad, bottom holes (BH-24 through BH-33) and sidewalls (NSW-6, SSW-6, WSW-2, and ESW-3) indicated TPH above the RRALs, with concentrations ranging from 137 mg/kg to 5,540 mg/kg. The bottom holes (BH-24, BH-26 through BH-28, and BH-30 through BH-33) and sidewalls (NSW-6, SSW-6, WSW-2, and ESW-3) indicated chloride concentrations above the RRALs, with concentrations ranging from 768 mg/kg to 10,000 mg/kg.

Approximately 1,305 cubic yards of impacted soil was removed and properly disposed of during the 2019 remediation activities, and the area was backfilled with clean to surface grade material.

Tetra Tech 2021-2022 Site Assessment and Remediation Activities

On August 23, 2021, a work plan was submitted to the OCD stating that EOG would install a groundwater determination bore to determine RRALs, delineate the remaining impact, and remediate any remaining impact to the maximum extent practical. The work plan was approved by the OCD on September 22, 2021.

2021-2022 Assessment Activities

Tetra Tech conducted site assessment activities from June 3, 2021, through February 21, 2022. On June 3, 2021 through June 4, 2021, a total of seven (7) auger holes (AH-1 through AH-7) and six (6) horizontals (H-1 through H-6) were installed to total depths of 4.5 ft bgs and 0.5 ft bgs, respectively, to attempt to assess the impacted area of bottom holes (BH-24 through BH-33) and sidewalls (NSW-6, SSW-6, WSW-2, and ESW-3) to provide current data. On October 7, 2021, a total of seven (7) trenches (T-1 through T-7) were installed to further vertically delineate the impact. On February 21, 2022, a total of four (4) horizontal delineation samples (HD-1 through HD-4) were installed to further horizontally delineate the impact. The impact and sample locations are shown on **Figure 5**.

The samples were submitted to Xenco Laboratory in Midland, Texas and Cardinal Laboratory in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 3** and the analytical laboratory reports are included in **Appendix C**.

Based on laboratory data from the June 2021 sampling event, auger holes (AH-1 through AH-7) indicated benzene and BTEX concentrations below laboratory detection limits. Auger holes (AH-2 through AH-7) indicated TPH concentrations above RRALs, with concentrations ranging from 124 mg/kg to 6,180 mg/kg, at depths ranging from surface to 2.5 ft bgs. Auger holes (AH-2, and AH-5 through AH-7) indicated chloride concentrations above RRALs, with concentrations ranging from 705 mg/kg to 6,810 mg/kg, at depths ranging from surface to 4.5 ft bgs. Additionally, horizontals (H-1, H-3, and H-5) indicated TPH concentrations above RRALs with concentrations ranging from 293 mg/kg to 1,690 mg/kg. However, auger holes (AH-4 and AH-7) and horizontals (H-1, H-3, and H-5) were not vertically delineated for TPH, and the auger holes (AH-5 and AH-7) were not vertically delineated for chlorides.

Based on the laboratory data from the October 7, 2021 sampling event, trenches (T-1 through T-7) indicated benzene and BTEX concentrations below RRALs. Trenches (T-3 through T-6) indicated TPH concentrations above RRALs, with concentrations ranging from 142 mg/kg to 3,630 mg/kg, at depths ranging from surface to 6.0 ft bgs. Trenches (T-1 through T-4) indicated chloride concentrations above RRALs, with concentrations ranging from 909 mg/kg to 8,790 mg/kg, at depths ranging from surface to 4.0 ft bgs. However, trench (T-2) was not vertically delineated for chlorides.

Based on the laboratory data from the February 21, 2022 sampling event, horizontal delineation samples (HD-1 through HD-4) did not indicate TPH concentrations above laboratory detection limits. However, horizontal delineation samples (HD-1 through HD-4) indicated chloride concentrations above RRALs, with concentrations ranging from 1,200 mg/kg to 6,000 mg/kg, at depths of surface. Additionally, horizontal delineation samples (HD-1, HD-2, and HD-4) indicated BTEX concentrations above RRALs, with concentrations ranging from 1,271 mg/kg to 3,133.6 mg/kg, at depths of surface.

2022 Remediation Activities

Tetra Tech conducted remediation activities from March 21, 2022 to April 8, 2022. Based on the data from the 2019 confirmation samples and the current assessment data from 2021 and 2022, EOG removed lines and equipment to make the area safely accessible. Following the removal of lines and equipment, the areas of remaining impact, were remediated to depths ranging from 1.5 ft bgs to 9.0 ft bgs. Additionally, during remediation activities, 5-point composite augers were installed in the areas of previous samples (WSW-1, SSW-2, and SSW-3) to depths of 4.5 ft bgs to determine remaining impact so that concentrations above RRALs could be addressed. The remediation areas, depths, and sample locations are shown on **Figures 6A and 6B**.

During remediation activities, 5-point composite augers that were installed in the areas of previous samples (WSW-1, SSW-2, and SSW-3) and field screened to determine remaining impact. The composite sample of the area of previous sample (WSW-1) indicated chloride concentrations above RRALs during field screening. This area was remediated further and 5-point composite confirmation samples every 200 square feet to ensure proper removal of impact. The 5-point composite augers installed in the areas of previous samples (SSW-2 and SSW-3) indicated field screen concentrations below RRALs, these samples were submitted to the Cardinal Laboratory in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The composite samples (SSW-2 and SSW-3) indicated benzene, BTEX, TPH, and chloride concentrations below RRALs, at all depths. The remediation area, depth, and sample locations are shown on **Figure 6B**. The laboratory data is summarized in **Table 4**.

Following remediation activities, Tetra Tech conducted confirmation sampling by collecting 5-point composite bottom hole samples and 5-point composite sidewall samples every 200 square feet within the area remediation. All confirmation samples are collected as a composite 5-point die pattern to ensure a representative sample of full depth of sidewalls and the entire floor of the excavation are collected. The confirmation sample notification was sent to the NMOCD via email, on March 22, 2022, at 1:30 PM, a copy of the notice is shown in **Appendix D**. A total of thirty-nine (39) bottom holes (BH-1 through BH-38, and BH-38A) were collected and a total of seventy (70) sidewalls (SW-1 through SW-70) were collected to confirm full removal of impacted soil. Bottom hole (BH-38A) was mistakenly named the same as previously collected bottom hole sample (BH-38). Due to this mistake, the letter "A" has been added to the sample ID on the table and figure to clarify sample identities. The bottom hole (BH-38) was collected on April 4, 2022, and the sample results are shown on lab report (Cardinal H221333), shown in **Appendix C**. The bottom hole (BH-38A) was collected on April 6, 2022, and the sample results are shown on lab report (Cardinal H221454), shown in **Appendix C**. The confirmation soil samples were submitted to the Cardinal Laboratory in Hobbs, New Mexico to

be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 4** and the analytical laboratory reports are included in **Appendix C**.

Regarding all final samples collected from the remediation, analytical results indicated benzene, BTEX, TPH, and chloride concentrations were below the RRALs.

Approximately 938 cubic yards of impacted soil was removed and properly disposed of during the 2022 remediation activities, and the area was backfilled with clean to surface grade material.

Conclusions

Based on the C-141 (nAPP2112555381) and information provided by EOG, Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the *OCD Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, the RRALs of 10,000 mg/kg for chlorides, and 2,500 mg/kg for TPH for beyond the top 4.0' of soil were followed. Based on Tetra Tech assessment activities, laboratory results indicated TPH and chloride concentrations in auger holes (AH-1 through AH-7) from the 2021 assessment activities of previous bottom holes (BH-24 through BH-33) and sidewalls (NSW-6, SSW-6, WSW-2, and ESW-3) exceeded the RRALs and required further remediation.

Following remediation of the areas of impact, Tetra Tech conducted confirmation soil sampling of the area by collecting 5-point composite confirmation bottom hole and sidewall samples to ensure the impacted soil was fully removed. Approximately 2,243 total cubic yards of impacted soil was removed and properly disposed of from the 2019 and 2022 remediation activities, and the area was backfilled with clean to surface grade material. The analytical results indicated all confirmation samples reported below the RRALs for all constituents. Based on this information, it is recommended that this Site requires no further action. The final C-141 is included in **Appendix A**.

If you require any additional information or have any questions or comments, please contact us at (432) 682-4559.

Respectfully submitted,
TETRA TECH



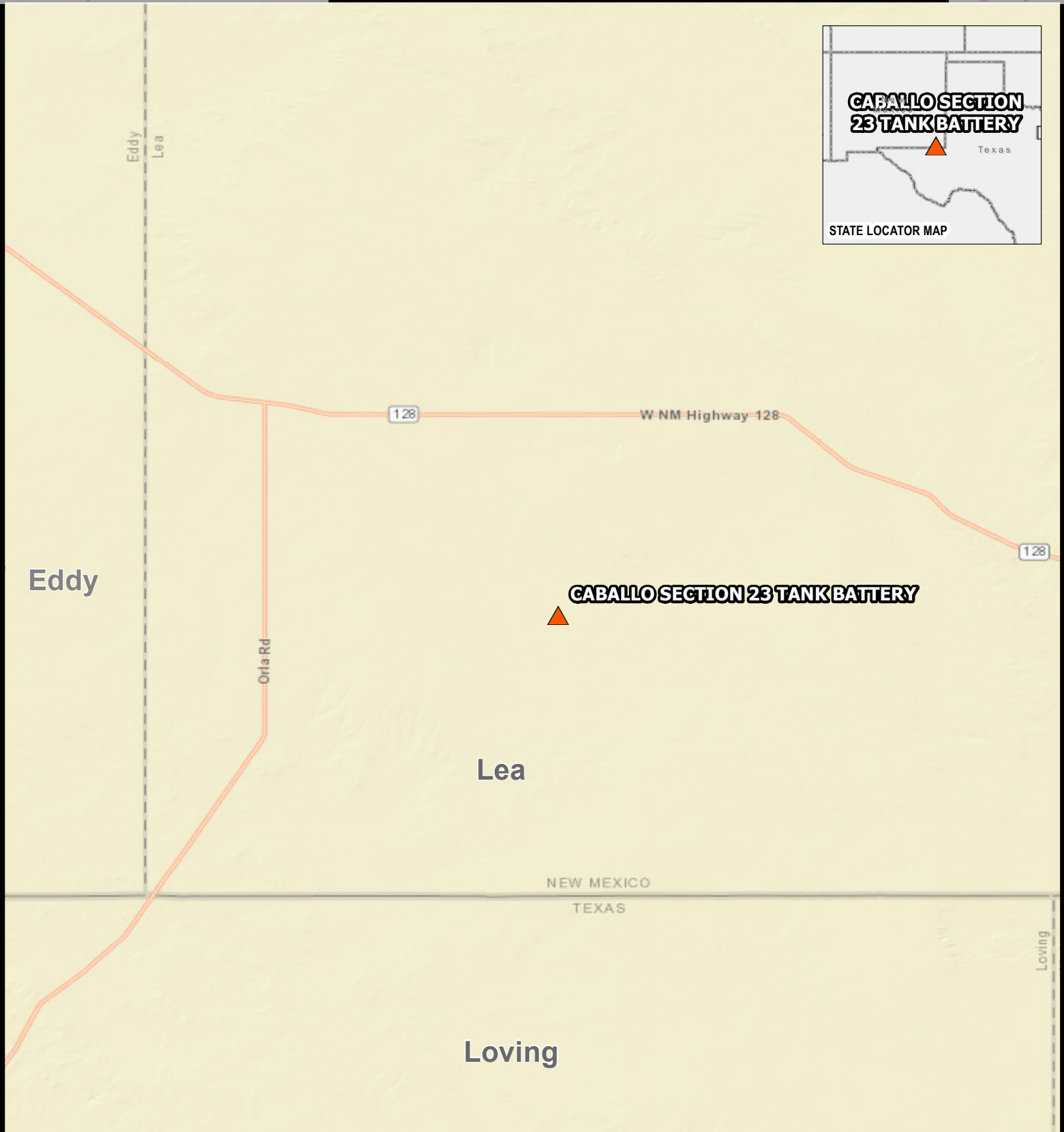
Brittany Long,
Project Manager



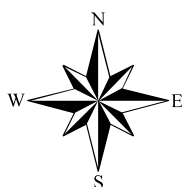
Clair Gonzales, P.G.
Senior Project Manager



Figures



▲ SITE LOCATION



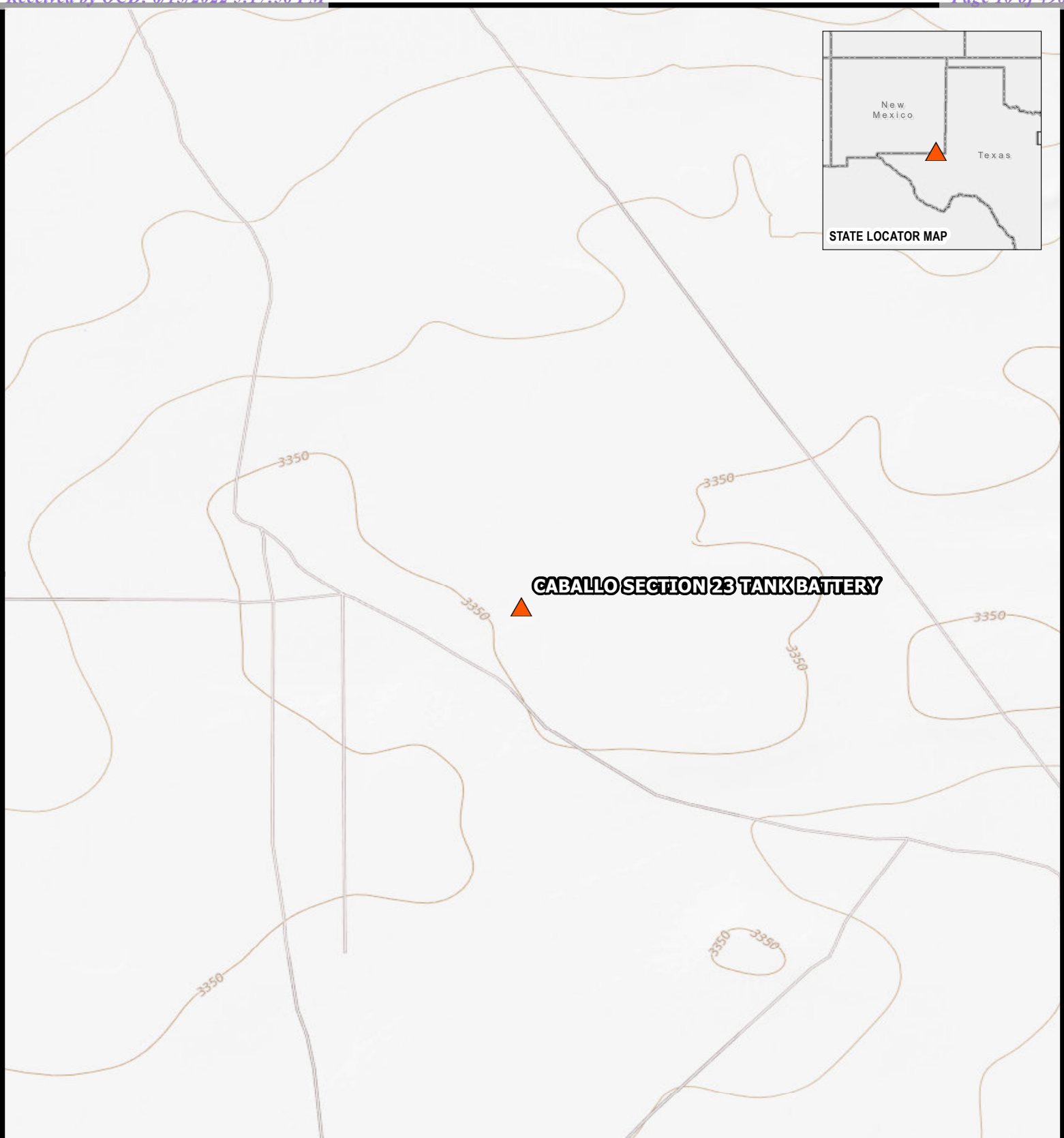
0 12,500 25,000 Feet
Approximate Scale

OVERVIEW MAP
CABALLO SECTION 23 TANK BATTERY
Property located at coordinates 32.122741°, -103.542910°
LEA COUNTY, NEW MEXICO

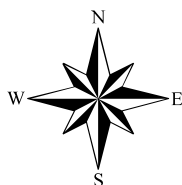


Project #:
212C-MD-02519

FIGURE
1



▲ SITE LOCATION



0 1,000 2,000 Feet
Approximate Scale

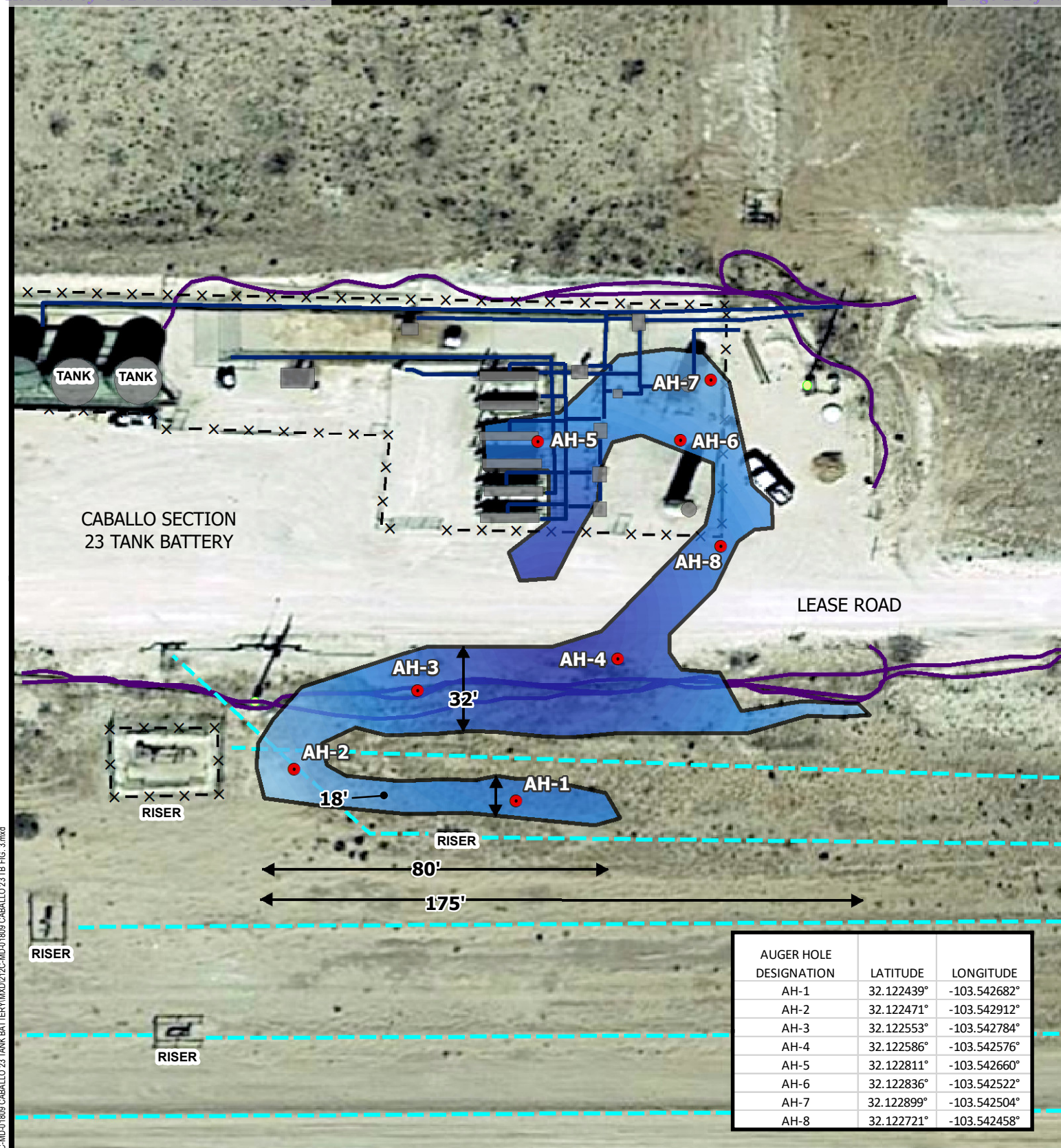
TOPOGRAPHIC MAP
CABALLO SECTION 23 TANK BATTERY
Property located at coordinates 32.122741°, -103.542910°
LEA COUNTY, NEW MEXICO



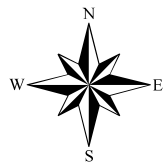
Project #:
212C-MD-02519

FIGURE
2

Service Layer Credits: ESRI, World Street Map, 2020.



- AUGERHOLE SAMPLE LOCATIONS
- POWER POLE
- PROCESS PIPE
- BURIED PIPELINE
- ABOVEGROUND FLOWLINE
- X - FENCELINE
- EQUIPMENT
- AFFECTED SPILL AREA



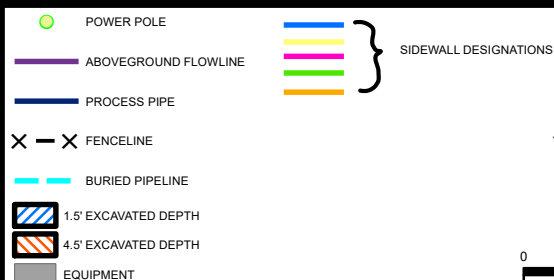
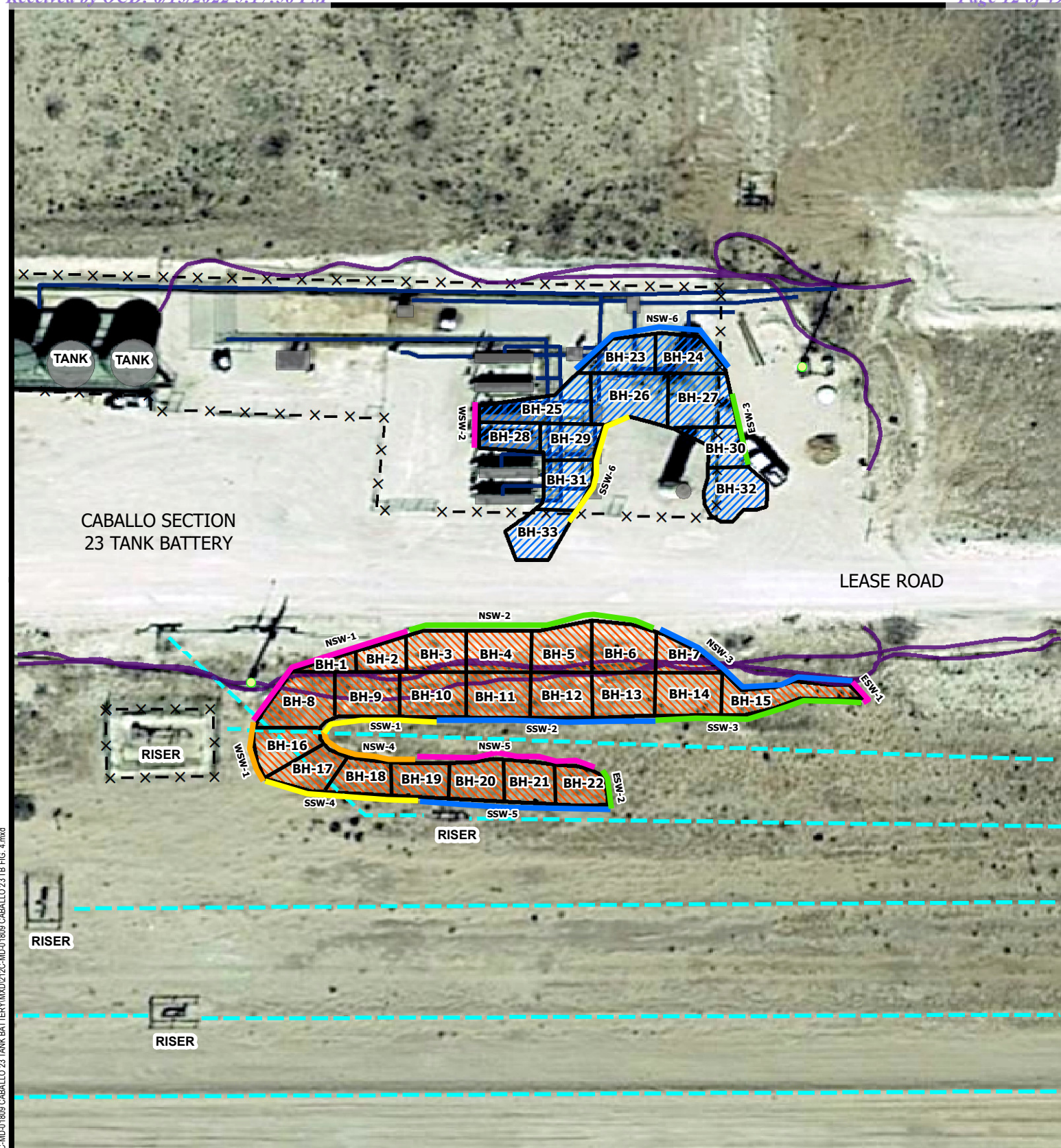
0 25 50
Approximate Scale in Feet

SPILL ASSESSMENT MAP
CABALLO SECTION 23 TANK BATTERY
 Property Located at coordinates 32.122741°, -103.542910°
 LEA COUNTY, NEW MEXICO



Project #:
212C-MD-01809
Date: 10/01/2019

FIGURE
3

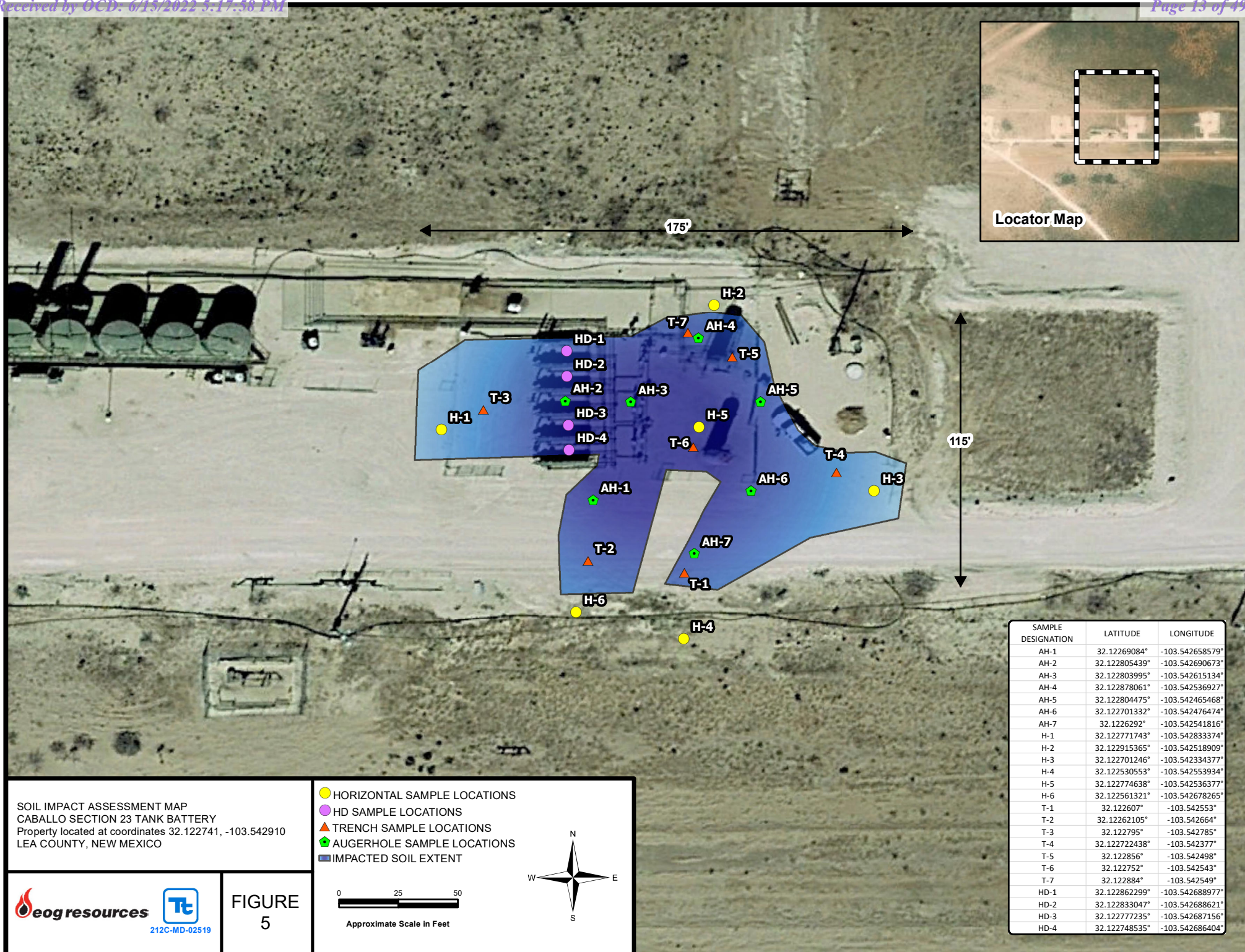


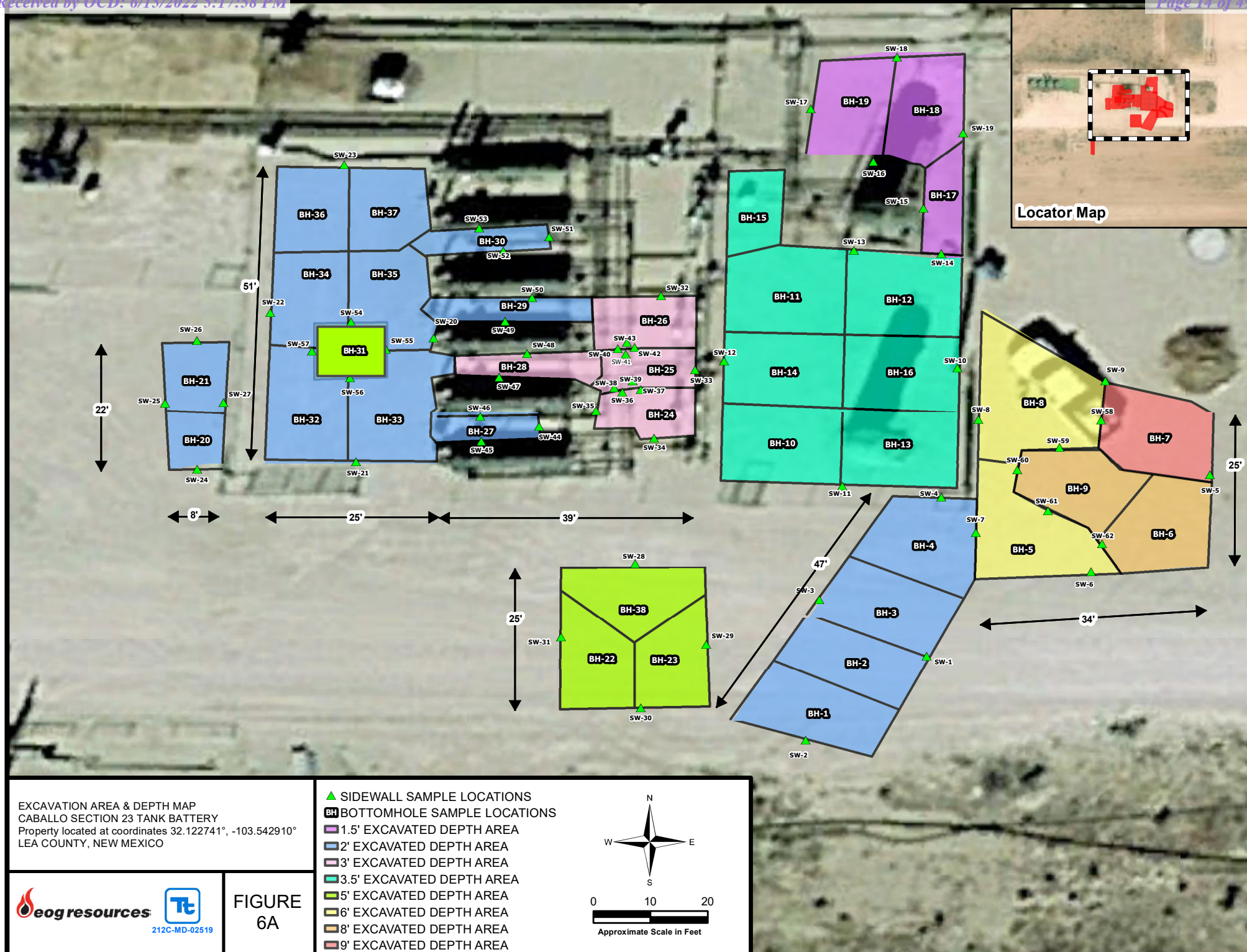
EXCAVATION AREA & DEPTH MAP
 CABALLO SECTION 23 TANK BATTERY
 Property Located at coordinates 32.122741°, -103.542910°
 LEA COUNTY, NEW MEXICO

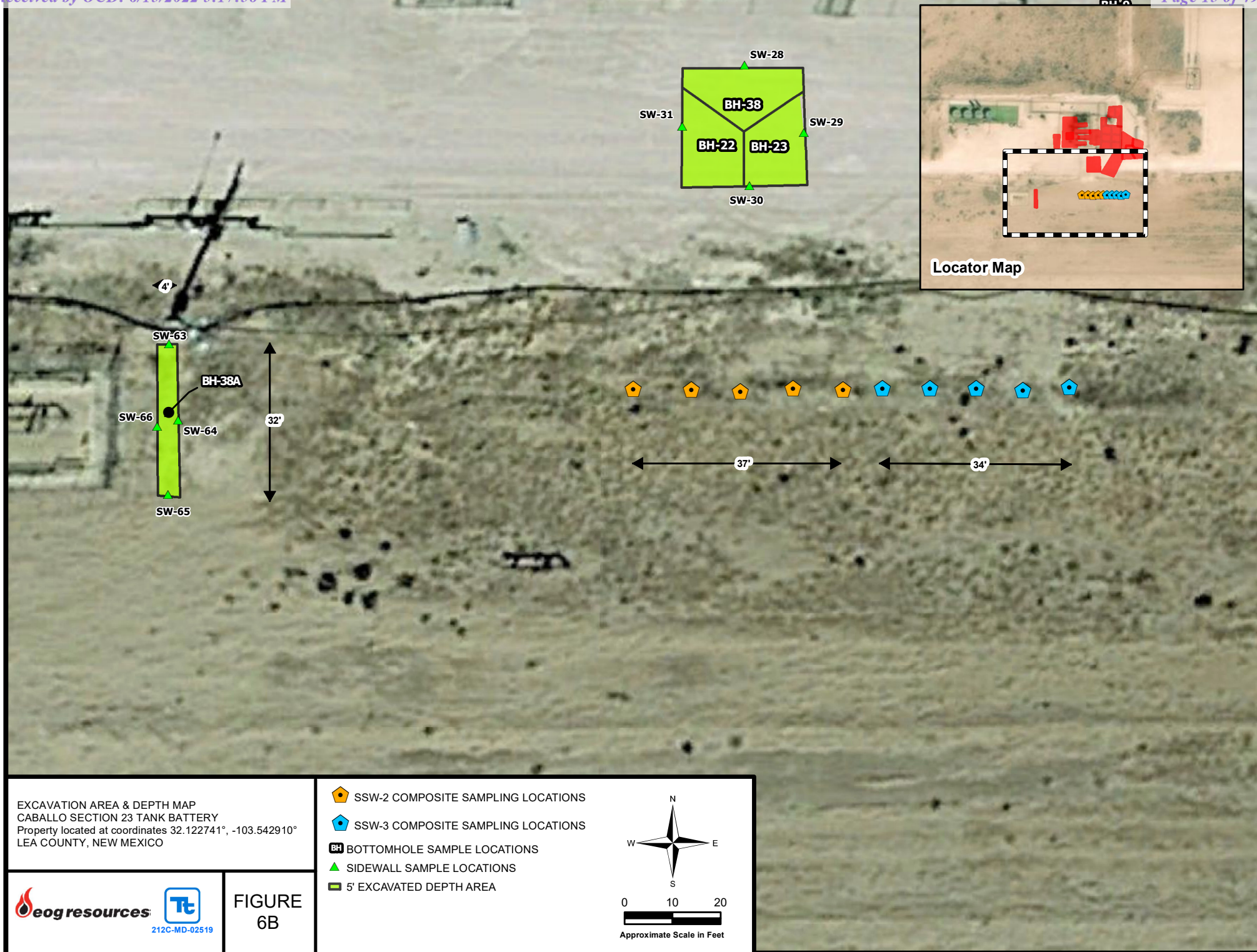


Project #:
212C-MD-01809
Date: 10/01/2019

FIGURE
4









Tables

Table 1
EOG
Caballo Section 23 Tank Battery
Lea County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---------------------------------|-------------|-------------------|-------------|---------|-------------|------|-------|-------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | ORO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | | | 1,000 mg/kg | 2,500 mg/kg | 10 mg/kg | | | 50 mg/kg | 10,000 mg/kg |
| AH-1 | 6/24/2019 | 0-1 | | X | 9.00 | 9.9 | <8.12 | 18.9 | <0.00382 | <0.000452 | <0.000560 | <0.000342 | <0.00342 | 3,820 |
| | " | 1-1.5 | | X | 8.65 | 10.3 | <8.10 | 19.0 | <0.000383 | <0.000454 | <0.000563 | <0.000343 | <0.000343 | 4,190 |
| | " | 2-2.5 | | X | - | - | - | - | - | - | - | - | - | 1,800 |
| | " | 3-3.5 | | X | - | - | - | - | - | - | - | - | - | 2,210 |
| | " | 4-4.5 | | X | - | - | - | - | - | - | - | - | - | 3,500 |
| AH-2 | 6/24/2019 | 0-1 | | X | 10.1 | 10.0 | <8.11 | 20.1 | <0.000386 | <0.000457 | <0.000566 | <0.000345 | <0.000345 | 5,970 |
| | " | 1-1.5 | | X | 8.91 | 9.19 | <8.10 | 18.1 | <0.000381 | <0.000451 | <0.000559 | <0.000341 | <0.000341 | 4,060 |
| AH-3 | 6/24/2019 | 0-1 | | X | 10.4 | 13.1 | <8.13 | 23.5 | <0.000381 | <0.000451 | <0.000559 | <0.000341 | <0.000341 | 207 |
| | " | 1-1.5 | | X | 9.60 | 10.6 | <8.11 | 20.2 | <0.000378 | <0.000448 | <0.000555 | <0.000338 | <0.000338 | 247 |
| | " | 2-2.5 | | X | - | - | - | - | - | - | - | - | - | 1,570 |
| | " | 3-3.5 | | X | - | - | - | - | - | - | - | - | - | 2,160 |
| | " | 4-4.5 | | X | - | - | - | - | - | - | - | - | - | 9,330 |
| AH-4 | 6/24/2019 | 0-1 | | X | 15.5 | 1710 | 170 | 1900 | <0.000384 | <0.000455 | <0.000564 | <0.000344 | <0.000344 | 967 |
| | " | 1-1.5 | | X | 9.04 | 132 | 21.3 | 162 | <0.000386 | <0.000457 | <0.000567 | <0.000346 | <0.000346 | 143 |
| | " | 2-2.5 | | X | - | - | - | - | - | - | - | - | - | 54.1 |
| | " | 3-3.5 | | X | - | - | - | - | - | - | - | - | - | 348 |
| | " | 4-4.5 | | X | - | - | - | - | - | - | - | - | - | 922 |
| AH-5 | 6/24/2019 | 0-1 | | X | 13.1 | 2690 | 281 | 2980 | <0.000385 | <0.000456 | <0.000565 | <0.000344 | <0.000344 | 6,190 |
| | " | 1-1.5 | X | | <7.98 | 109 | 46.2 | 155 | <0.000386 | <0.000457 | <0.000567 | <0.000346 | <0.000346 | 2,510 |
| | " | 2-2.5 | X | | - | - | - | - | - | - | - | - | - | 321 |
| | " | 3-3.5 | X | | - | - | - | - | - | - | - | - | - | 4,980 |
| AH-6 | 6/24/2019 | 0-1 | | X | 44.9 | 3990 | 314 | 4350 | <0.000382 | <0.000452 | <0.000560 | <0.000342 | <0.000342 | 3,730 |
| | " | 1-1.5 | X | | 11.4 | 858 | 114 | 983 | <0.000382 | <0.000452 | <0.000560 | <0.000342 | <0.000342 | 776 |
| | " | 2-2.5 | X | | - | - | - | - | - | - | - | - | - | 11.4 |

Table 1
EOG
Caballo Section 23 Tank Battery
Lea County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) | |
|---------------------------------|-------------|-------------------|-------------|---------|-------------|------|-----|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|--------------|
| | | | In-Situ | Removed | GRO | DRO | ORO | Total | | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | | 100 mg/kg | 10 mg/kg | 50 mg/kg | | | 600 mg/kg | |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | | | | 1,000 mg/kg | 2,500 mg/kg | 10 mg/kg | 50 mg/kg | | | 10,000 mg/kg |
| AH-7 | 6/24/2019 | 0-1 | | X | 9.64 | 2460 | 259 | 2730 | <0.000383 | <0.000453 | <0.000561 | <0.000342 | <0.000342 | 2,810 | |
| AH-8 | 6/24/2019 | 0-1 | | X | 11.7 | 1140 | 138 | 1290 | <0.000382 | <0.000452 | <0.000560 | <0.000342 | <0.000342 | 2,500 | |

NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks*.

All screening values and results are presented in milligrams per kilogram (mg/kg)

Bolded cells represent a detected concentration above the respective screening value.

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Remediated

Table 2
EOG
Caballo Section 23 Tank Battery
Lea County, New Mexico

| Sample ID | Sample Date | Excavation Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|--------------------------|-------------|---------|-------------|----------------|----------------|-------------|--------------------|--------------------|-------------------------|-------------------|-----------------------|---------------------|
| | | | In-Situ | Removed | GRO | DRO | ORO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | 100 mg/kg | 10 mg/kg | | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | 1,000 mg/kg | 2,500 mg/kg | 10 mg/kg | | | | | 50 mg/kg | 10,000 mg/kg |
| Bottom Hole - 1 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 416 |
| Bottom Hole - 2 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 320 |
| Bottom Hole - 3 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,160 |
| Bottom Hole - 4 | 10/14/2019 | 4.5 | X | | <10.0 | 104 | 37.1 | 141 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,060 |
| Bottom Hole - 5 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,280 |
| Bottom Hole - 6 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 6,800 |
| Bottom Hole - 7 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 752 |
| Bottom Hole - 8 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,090 |
| Bottom Hole - 9 | 10/14/2019 | 4.5 | X | | <10.0 | 63.1 | 13.5 | 76.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,120 |
| Bottom Hole - 10 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 320 |
| Bottom Hole - 11 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| Bottom Hole - 12 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Bottom Hole - 13 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 384 |
| Bottom Hole - 14 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 384 |
| Bottom Hole - 15 | 10/14/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| Bottom Hole - 16 | 10/11/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 784 |
| Bottom Hole - 17 | 10/11/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 768 |
| Bottom Hole - 18 | 10/11/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,360 |
| Bottom Hole - 19 | 10/11/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 736 |
| Bottom Hole - 20 | 10/11/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 752 |
| Bottom Hole - 21 | 10/11/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,100 |
| Bottom Hole - 22 | 10/11/2019 | 4.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 368 |
| Bottom Hole - 23 | 11/5/2019 | 1.5 | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| Bottom Hole - 24 | 11/5/2019 | 1.5 | X | | <10.0 | 109 | 28.1 | 137 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 768 |
| Bottom Hole - 25 | 11/5/2019 | 1.5 | X | | <10.0 | 779 | 415 | 1,194 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 592 |
| Bottom Hole - 26 | 11/5/2019 | 1.5 | X | | <10.0 | 2,590 | 1,080 | 3,670 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,800 |
| Bottom Hole - 27 | 11/5/2019 | 1.5 | X | | <10.0 | 214 | 86.6 | 301 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 848 |

Table 2
EOG
Caballo Section 23 Tank Battery
Lea County, New Mexico

| Sample ID | Sample Date | Excavation Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---------------------------------|-------------|-----------------------|-------------|---------|-------------|-------------|-------------|----------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | ORO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | 100 mg/kg | 10 mg/kg | | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | 1,000 mg/kg | 2,500 mg/kg | 10 mg/kg | | | | | 50 mg/kg | 10,000 mg/kg |
| Bottom Hole - 28 | 11/5/2019 | 1.5 | X | | <10.0 | 3,870 | 1,470 | 5,340 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,520 |
| Bottom Hole - 29 | 11/5/2019 | 1.5 | X | | <10.0 | 534 | 318 | 852 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 432 |
| Bottom Hole - 30 | 11/5/2019 | 1.5 | X | | <10.0 | 948 | 343 | 1,291 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,040 |
| Bottom Hole - 31 | 11/5/2019 | 1.5 | X | | <10.0 | 2,310 | 996 | 3,306 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,240 |
| Bottom Hole - 32 | 11/5/2019 | 1.5 | X | | <10.0 | 3,150 | 1,300 | 4,450 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,620 |
| Bottom Hole - 33 | 11/5/2019 | 1.5 | X | | <10.0 | 1,820 | 666 | 2,486 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,400 |
| NSW-1 | 10/14/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| NSW-2 | 10/14/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| NSW-3 | 10/14/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| NSW-4 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| NSW-5 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| NSW-6 | 11/5/2019 | - | X | | <10.0 | 113 | 51.1 | 164 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 10,000 |
| SSW-1 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 384 |
| SSW-2 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,300 |
| SSW-3 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 896 |
| SSW-4 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SSW-5 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SSW-6 | 11/5/2019 | - | X | | <10.0 | 321 | 145 | 466 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,400 |
| WSW-1 | 10/11/2019 | - | X | | <10.0 | 273 | 109 | 382 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| WSW-2 | 11/5/2019 | - | X | | <10.0 | 4,140 | 1,400 | 5,540 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,680 |
| ESW-1 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| ESW-2 | 10/11/2019 | - | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| ESW-3 | 11/5/2019 | - | X | | <10.0 | 2,340 | 896 | 3,236 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 9,000 |

NOTESRRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks*.

All screening values and results are presented in milligrams per kilogram (mg/kg).

Bolded cells represent a detected concentration above the respective screening value.

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

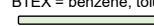
 Remediated

Table 3
EOG Resources
Caballo Section 23 TB
Lea County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|-------------------|-------------|---------|-------------|----------------|-------|----------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | 1,000 mg/kg | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |
| AH-1 | 6/3/2021 | 0-1 | X | - | <49.8 | 96.8 | <49.8 | 96.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 404 |
| | 6/3/2021 | 1-1.5 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 295 |
| | 6/3/2021 | 2-2.5 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 130 |
| | 6/3/2021 | 3-3.5 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 50.0 |
| AH-2 | 6/4/2021 | 0-1 | X | - | <49.9 | 131 | <49.9 | 131 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 2,110 |
| | 6/4/2021 | 1-1.5 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 1,410 |
| | 6/4/2021 | 2-2.5 | X | - | <49.7 | <49.7 | <49.7 | <49.7 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 574 |
| | 6/4/2021 | 3-3.5 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 390 |
| AH-3 | 6/4/2021 | 0-1 | X | - | <49.7 | 240 | <49.7 | 240 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 83.1 |
| | 6/4/2021 | 1-1.5 | X | - | <49.8 | 159 | <49.8 | 159 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 85.5 |
| | 6/4/2021 | 2-2.5 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 102 |
| | 6/4/2021 | 3-3.5 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 115 |
| AH-4 | 6/4/2021 | 0-1 | X | - | <49.9 | 530 | <49.9 | 530 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 291 |
| | 6/4/2021 | 1-1.5 | X | - | <50.0 | 731 | <50.0 | 731 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 376 |
| | 6/4/2021 | 2-2.5 | X | - | <50.0 | 113 | <50.0 | 113 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 143 |
| Trench-7 | 10/7/2021 | 0-1 | X | - | 58.1 | <49.8 | <49.8 | 58.1 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 215 |
| | 10/7/2021 | 1 | X | - | 82.1 | <49.8 | <49.8 | 82.1 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 279 |
| | 10/7/2021 | 2 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 44.4 |
| | 10/7/2021 | 3 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | 0.00609 | <0.00399 | 0.00609 | 63.6 |
| | 10/7/2021 | 4 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 294 |
| AH-5 | 6/4/2021 | 0-1 | X | - | <49.8 | 5,280 | 898 | 6,180 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 6,810 |
| | 6/4/2021 | 1-1.5 | X | - | <49.8 | 1,310 | 187 | 1,500 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 3,650 |
| | 6/4/2021 | 2-2.5 | X | - | <50.0 | 59.8 | 105 | 165 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 3,540 |
| | 6/4/2021 | 3-3.5 | X | - | <49.8 | <49.8 | 73.1 | 73.1 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 3,490 |
| | 6/4/2021 | 4-4.5' | X | - | <49.9 | <49.9 | 57.4 | 57.4 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 3,860 |
| Trench-5 | 10/7/2021 | 0-1 | X | - | 69.5 | <49.8 | <49.8 | 69.5 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 131 |
| | 10/7/2021 | 1 | X | - | 278 | <50.0 | <50.0 | 278 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 24.1 |
| | 10/7/2021 | 2 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 253 |
| | 10/7/2021 | 3 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 90.3 |
| | 10/7/2021 | 4 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 191 |
| | 10/7/2021 | 5 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 958 |
| | 10/7/2021 | 6 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 470 |
| | 10/7/2021 | 7 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 3410 |
| | 10/7/2021 | 8 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 2600 |
| | 10/7/2021 | 9 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 3360 |
| 10/7/2021 | 10 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 3850 | |

Table 3
EOG Resources
Caballo Section 23 TB
Lea County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|-------------------|-------------|---------|-------------|-------|-------|----------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | | | 1,000 mg/kg | 2,500 mg/kg | 10 mg/kg | | | 50 mg/kg | 10,000 mg/kg |
| AH-6 | 6/4/2021 | 0-1 | X | - | <49.8 | 205 | <49.8 | 205 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 705 |
| | 6/4/2021 | 1-1.5 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 576 |
| | 6/4/2021 | 2-2.5 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 492 |
| | 6/4/2021 | 3-3.5 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 489 |
| AH-7 | 6/4/2021 | 0-1 | X | - | <50.0 | 243 | 63.1 | 306 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 2,350 |
| | 6/4/2021 | 1-1.5 | X | - | <49.7 | 124 | <49.7 | 124 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 973 |
| Trench-1 | 10/7/2021 | 0-1 | X | - | 53.5 | <49.9 | <49.9 | 53.5 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 909 |
| | 10/7/2021 | 1 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 238 |
| | 10/7/2021 | 2 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 97.2 |
| | 10/7/2021 | 3 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 243 |
| | 10/7/2021 | 4 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 561 |
| | 10/7/2021 | 5 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 460 |
| H-1 | 6/3/2021 | 0-0.5 | X | - | <49.8 | 1,690 | <49.8 | 1,690 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 119 |
| Trench-3 | 10/7/2021 | 0-1 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 934 |
| | 10/7/2021 | 1 | X | - | 142 | <49.9 | <49.9 | 142 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 47.3 |
| | 10/7/2021 | 2 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 38.9 |
| | 10/7/2021 | 3 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 68.1 |
| | 10/7/2021 | 4 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 934 |
| | 10/7/2021 | 5 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 787 |
| | 10/7/2021 | 6 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 1040 |
| | 10/7/2021 | 7 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 406 |
| | 10/7/2021 | 8 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 397 |
| H-2 | 6/3/2021 | 0-0.5 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 30.3 |
| H-3 | 6/3/2021 | 0-0.5 | X | - | <50.0 | 293 | <50.0 | 293 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 201 |
| Trench-4 | 10/7/2021 | 0-1 | X | - | 62.8 | <49.9 | <49.9 | 62.8 | <0.00200 | <0.00200 | <0.00200 | 0.00726 | 0.00726 | 109 |
| | 10/7/2021 | 1 | X | - | 584 | <49.8 | 85.2 | 669 | <0.00199 | <0.00199 | <0.00199 | 0.0316 | 0.0316 | 1,130 |
| | 10/7/2021 | 2 | X | - | 407 | <49.9 | 58.2 | 465 | <0.00199 | <0.00199 | 0.00772 | <0.00398 | 0.0103 | 1,090 |
| | 10/7/2021 | 3 | X | - | 762 | 96.2 | 106 | 964 | <0.00199 | 0.00784 | 0.00499 | 0.205 | 0.218 | 46.3 |
| | 10/7/2021 | 4 | X | - | 688 | 124 | 101 | 913 | <0.00200 | 0.0711 | 0.142 | 0.710 | 0.923 | 44.5 |
| | 10/7/2021 | 5 | X | - | 499 | 65.2 | 70.6 | 635 | <0.00200 | <0.00200 | 0.00458 | 0.399 | 0.403 | 733 |
| | 10/7/2021 | 6 | X | - | 2,420 | 930 | 280 | 3,630 | <0.00198 | 0.247 | 0.290 | 0.733 | 1.27 | 879 |
| | 10/7/2021 | 7 | X | - | 222 | <49.8 | <49.8 | 222 | <0.00198 | 0.0340 | 0.0179 | 0.381 | 0.433 | 23.3 |
| | 10/7/2021 | 8 | X | - | 136 | <49.9 | <49.9 | 136 | <0.00198 | 0.00239 | <0.00198 | 0.0356 | 0.0380 | 435 |
| | 10/7/2021 | 9 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00198 | 0.00338 | <0.00198 | <0.00397 | <0.00397 | 42.0 |
| | 10/7/2021 | 10 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 561 |
| | 10/7/2021 | 11 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 460 |
| | 10/7/2021 | 12 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 460 |

Table 3
EOG Resources
Caballo Section 23 TB
Lea County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|---------------------------------|-------------|-------------------|-------------|---------|-------------|-------------|--------|-------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | 1,000 mg/kg | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |
| H-4 | 6/3/2021 | 0-0.5 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 17.3 |
| H-5 | 6/3/2021 | 0-0.5 | X | - | <49.9 | 622 | <49.9 | 622 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 58.2 |
| Trench-6 | 10/7/2021 | 0-1 | X | - | 1,090 | <49.9 | 308 | 1,400 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 232 |
| | 10/7/2021 | 1 | X | - | 73.7 | <50.0 | <50.0 | 73.7 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 38.6 |
| | 10/7/2021 | 2 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 53.9 |
| | 10/7/2021 | 3 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 65.3 |
| | 10/7/2021 | 4 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 76.9 |
| | 10/7/2021 | 5 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 58.6 |
| | 10/7/2021 | 6 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 27.0 |
| | 10/7/2021 | 7 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 838 |
| | 10/7/2021 | 8 | X | - | 144 | <49.9 | <49.9 | 144 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 414 |
| | 10/7/2021 | 9 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 169 |
| | 10/7/2021 | 10 | X | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 1830 |
| 10/7/2021 | 11 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 1080 | |
| H-6 | 6/3/2021 | 0-0.5 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 116 |
| Trench-2 | 10/7/2021 | 0-1 | X | - | 58.3 | <50.0 | <50.0 | 58.3 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 2,960 |
| | 10/7/2021 | 1 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 8,790 |
| | 10/7/2021 | 2 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00404 | <0.00404 | 5,070 |
| | 10/7/2021 | 3 | X | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 5,000 |
| | 10/7/2021 | 4 | X | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 3,480 |
| HD-1 | 2/21/2022 | 0-0.5 | X | - | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 10.6 | 2,210 | 913 | 3,134 | 4,760 |
| HD-2 | 2/21/2022 | 0-0.5 | X | - | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.9 | 2,100 | 707 | 2,840 | 6,000 |
| HD-3 | 2/21/2022 | 0-0.5 | X | - | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 4,560 |
| HD-4 | 2/21/2022 | 0-0.5 | X | - | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 836 | 435 | 1,271 | 1,200 |

NOTESRRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks, Spills, and Releases*.

All screening values and results are presented in milligrams per kilogram (mg/kg)

Bolded cells represent a detected concentration above the respective screening value.

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

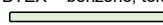
 Remediated

Table 4
EOG Resources
Caballo Section 23
Lea County, New Mexico

| Sample ID | Sample Date | Excavation Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|-----------------------|-------------|---------|----------------|-------|-------|----------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |
| Remediation Confirmation Samples | | | | | | | | | | | | | | |
| BH-1 | 3/24/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| BH-2 | 3/24/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| BH-3 | 3/24/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| BH-4 | 3/24/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| BH-5 | 3/25/2022 | 6.0 | X | - | 20.4 | 690 | 121 | 831.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,390 |
| BH-6 | 3/25/2022 | 6.0 | X | - | 332 | 1,820 | 289 | 2,441 | <0.050 | 0.116 | 1.32 | 7.73 | 9.17 | 1,310 |
| | 4/5/2022 | 8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,150 |
| BH-7 | 3/25/2022 | 6.0 | X | - | 1,020 | 4,870 | 834 | 6,724 | <0.050 | 1.08 | 4.94 | 24.7 | 30.7 | 1,730 |
| | 4/5/2022 | 8.0 | X | - | 375 | 1,700 | 257 | 2,332 | <0.050 | 0.971 | 4.37 | 20.3 | 25.6 | 304 |
| | 4/14/2022 | 9.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| BH-8 | 3/25/2022 | 6.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,310 |
| BH-9 | 3/25/2022 | 6.0 | X | - | 314 | 2,080 | 410 | 2,804 | <0.050 | <0.050 | 0.644 | 4.02 | 4.66 | 1,380 |
| | 4/5/2022 | 8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| BH-10 | 3/25/2022 | 3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| BH-11 | 3/25/2022 | 3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 384 |
| BH-12 | 3/25/2022 | 3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| BH-13 | 3/25/2022 | 3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| BH-14 | 3/25/2022 | 3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| BH-15 | 3/25/2022 | 3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| BH-16 | 3/25/2022 | 3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| BH-17 | 3/25/2022 | 1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 400 |
| BH-18 | 3/25/2022 | 1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 416 |
| BH-19 | 3/25/2022 | 1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| BH-20 | 3/25/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| BH-21 | 3/25/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| BH-22 | 3/25/2022 | 5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 304 |
| BH-23 | 3/25/2022 | 5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| BH-24 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 656 |
| | 4/8/2022 | 3.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| BH-25 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 656 |
| | 4/8/2022 | 3.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| BH-26 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 640 |
| | 4/8/2022 | 3.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |

Table 4
EOG Resources
Caballo Section 23
Lea County, New Mexico

| Sample ID | Sample Date | Excavation Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|-----------------------|-------------|---------|-------------|-------|-------|----------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |
| BH-27 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 656 |
| | 4/8/2022 | 3.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| BH-28 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 688 |
| | 4/8/2022 | 3.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| BH-29 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| BH-30 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| BH-31 | 4/4/2022 | 5.0 | X | - | <10.0 | 62.2 | 28.0 | 90.2 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 960 |
| BH-32 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| BH-33 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| BH-34 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| BH-35 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| BH-36 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| BH-37 | 4/4/2022 | 2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| BH-38 | 4/4/2022 | 5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| BH-38A | 4/6/2022 | 5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| SW-1 | 3/24/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-2 | 3/24/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| SW-3 | 3/24/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SW-4 | 3/24/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| SW-5 | 3/25/2022 | 0-6.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| SW-6 | 3/25/2022 | 0-6.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 288 |
| SW-7 | 3/25/2022 | 0-6.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| SW-8 | 3/25/2022 | 0-6.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| SW-9 | 3/25/2022 | 0-6.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,560 |
| | 4/5/2022 | 0-8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-10 | 3/25/2022 | 0-3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| SW-11 | 3/25/2022 | 0-3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| SW-12 | 3/25/2022 | 0-3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| SW-13 | 3/25/2022 | 0-3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| SW-14 | 3/25/2022 | 0-3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| SW-15 | 3/25/2022 | 0-1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| SW-16 | 3/25/2022 | 0-1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| SW-17 | 3/25/2022 | 0-1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 352 |

Table 4
EOG Resources
Caballo Section 23
Lea County, New Mexico

| Sample ID | Sample Date | Excavation Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|-----------------------|-------------|---------|-------------|-------|-------|----------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |
| SW-18 | 3/25/2022 | 0-1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 304 |
| SW-19 | 3/25/2022 | 0-1.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| SW-20 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-21 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| SW-22 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| SW-23 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| SW-24 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| SW-25 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| SW-26 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SW-27 | 3/25/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SW-28 | 3/25/2022 | 0-5.0 | - | X | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 608 |
| | 4/4/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| SW-29 | 3/25/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| SW-30 | 3/25/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| SW-31 | 3/25/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-32 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| SW-33 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 672 |
| | 4/8/2022 | 0-3.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SW-34 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| SW-35 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 304 |
| SW-36 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| SW-37 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| SW-38 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 176 |
| SW-39 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| SW-40 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| SW-41 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| SW-42 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| SW-43 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 672 |
| | 4/8/2022 | 0-3.0 | X | - | <10.0 | 11.2 | 15.4 | 26.6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-44 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| SW-45 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| SW-46 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| SW-47 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| SW-48 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |

Table 4
EOG Resources
Caballo Section 23
Lea County, New Mexico

| Sample ID | Sample Date | Excavtion Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|----------------------|-------------|---------|----------------|-------|-------|----------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |
| SW-49 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| SW-50 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| SW-51 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-52 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 272 |
| SW-53 | 4/4/2022 | 0-2.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 288 |
| SW-54 | 4/4/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| SW-55 | 4/4/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| SW-56 | 4/4/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| SW-57 | 4/4/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| SW-58 | 4/5/2022 | 0-8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-59 | 4/5/2022 | 0-8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-60 | 4/5/2022 | 0-8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-61 | 4/5/2022 | 0-8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-62 | 4/5/2022 | 0-8.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SW-63 | 4/6/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | 0.157 | 0.055 | <0.150 | <0.300 | 176 |
| SW-64 | 4/6/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| SW-65 | 4/6/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| SW-66 | 4/6/2022 | 0-5.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SW-67 | 4/14/2022 | 0-9.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-68 | 4/14/2022 | 0-9.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-69 | 4/14/2022 | 0-9.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SW-70 | 4/14/2022 | 0-9.0 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |

Table 4
EOG Resources
Caballo Section 23
Lea County, New Mexico

| Sample ID | Sample Date | Excavtion Depth (ft) | Soil Status | | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|------------------------------------|-------------|----------------------|-------------|---------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | In-Situ | Removed | GRO | DRO | MRO | Total | | | | | | |
| RRALs (Top 4.0' of Soil) | | | | | | | | | 100 mg/kg | 10 mg/kg | 50 mg/kg | | | 600 mg/kg |
| RRALs (Beyond Top 4.0' of Soil) | | | | | | | | | 2,500 mg/kg | 10 mg/kg | 50 mg/kg | | | 10,000 mg/kg |
| 5-Point Composite Resamples | | | | | | | | | | | | | | |
| SSW-2 | 3/24/2022 | 0-1 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| | 3/24/2022 | 1.1-5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| | 3/24/2022 | 2-2.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| | 3/24/2022 | 3-3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| | 3/24/2022 | 4-4.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| SSW-3 | 3/24/2022 | 0-1 | X | - | <10.0 | 11.2 | <10.0 | 11.2 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| | 3/24/2022 | 1.1-5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| | 3/24/2022 | 2-2.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| | 3/24/2022 | 3-3.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| | 3/24/2022 | 4-4.5 | X | - | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 288 |

NOTESRRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks, Spills, and Releases*.

All screening values and results are presented in milligrams per kilogram (mg/kg)

Bolded cells represent a detected concentration above the respective screening value.

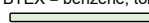
< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

 Remediated



Photographic Documentation

EOG Resources
Caballo Section 23 TB
Lea County, New Mexico



TETRA TECH



View of Remediation Activities – View Northwest



View of Remediation Activities – View North

EOG Resources
Caballo Section 23 TB
Lea County, New Mexico



TETRA TECH

South Elevation

☉ 346°N (T) LAT: 32.122611 LON: -103.542623 ±16ft ▲ 3339ft



View of Remediation Activities – View North

West Elevation

☉ 91°E (T) LAT: 32.122878 LON: -103.542848 ±16ft ▲ 3346ft



View of Remediation Activities – View East

EOG Resources
Caballo Section 23 TB
Lea County, New Mexico



TETRA TECH



View of Remediation Activities – View Northeast

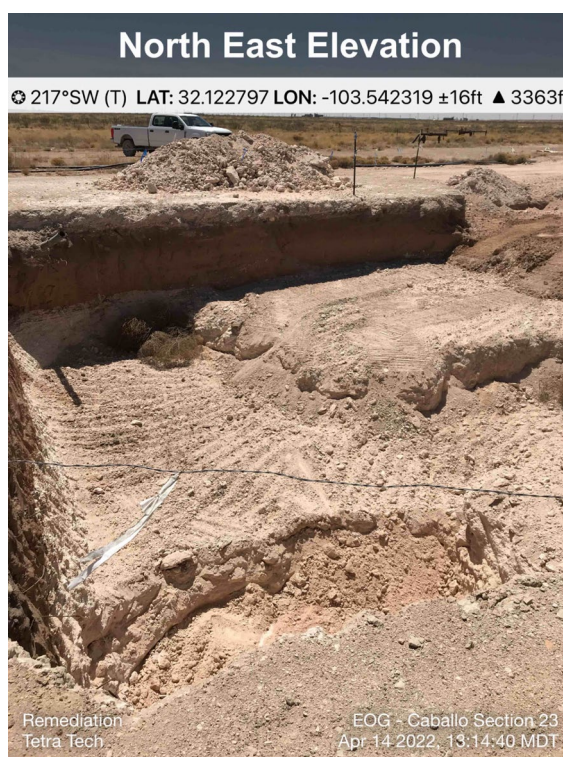


View of Remediation Activities – View Northeast

EOG Resources
Caballo Section 23 TB
Lea County, New Mexico



View of Remediation Activities – View North



View of Remediation Activities – View Southwest



Appendix A

C-141 Document

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 | NAPP2112555381 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|--|---|
| Responsible Party EOG Resources | OGRID 7377 |
| Contact Name Todd Wells | Contact Telephone (432) 686-3613 |
| Contact email Todd_Wells@eogresources.com | Incident # (assigned by OCD) NAPP2112555381 |
| Contact mailing address 5509 Champions Drive Midland, TX 79706 | |

Location of Release Source

Latitude 32.122741° Longitude -103.542910°
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|---|------------------------|
| Site Name Caballo Section 23 Tank Battery | Site Type EOG Facility |
| Date Release Discovered 6/8/19 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| B | 23 | 25S | 33E | Lea |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: Bureau of Land Management, BLM)

Nature and Volume of Release

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

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) 1 | Volume Recovered (bbls) 1 |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 7 | Volume Recovered (bbls) 4 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release: The pin hole in the LP heater water leg allowed the release of approximately 8 bbls of oil and water and 5 bbls recovered.

| | |
|----------------|----------------|
| Incident ID | NAPP2112555381 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|--|---|
| <p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>If YES, for what reason(s) does the responsible party consider this a major release?</p> |
| <p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p> | |

Initial Response

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

| | |
|--|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> 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: <u>Todd Wells</u> | Title: <u>Environmental Specialist</u> |
| Signature: <u><i>Todd Wells</i></u> | Date: <u>7-12-19</u> |
| email: <u>Todd_Wells@eogresources.com</u> | Telephone: <u>(432) 686-3613</u> |
| <u>OCD Only</u> | |
| Received by: <u>Ramona Marcus</u> | Date: <u>5/13/2021</u> |

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

| | |
|---|--|
| What is the shallowest depth to groundwater beneath the area affected by the release? | _____ (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input type="checkbox"/> 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)? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input type="checkbox"/> 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? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input type="checkbox"/> 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 4

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: 6/15/22

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: 6/15/22

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 06/29/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A



Appendix B

Site Characterization Documents



TETRA TECH

Borehole ID:

Soil Drilling Log

Project Name : EOG Caballo sec 23
 Project No. :
 Location : Lea County, NM
 Coordinates : 32.12283, -103.54208
 Elevation : N/A

Date : Tuesday, September 21, 2021
 Sampler : John Thurston
 Driller : Scarborough
 Method : Air Rotary

| Depth (ft.) | WL | Soil Description | Chloride Field Test (ppm) | Field Titration Test (ppm) | Depth (ft.) | WL | Soil Description | Chloride Field Test (ppm) | Field Titration Test (ppm) |
|-------------|----|---|---------------------------------|----------------------------------|-------------|----|--|---------------------------------|----------------------------------|
| 0 | | red/brown dry loose silty sand occ caliche | 126 | N/S N/O | 50 | | reddish orange silty sand, trace caliche | | |
| | | lt brown silty sand | 131 | N/S N/O | | | Total Depth = 55' | | |
| 5 | | red/brown silty sand, some poorly indurated | 174 | N/S N/O | 55 | | reddish orange silty sand, increased caliche, dry bottoms up | | |
| | | red silty sand, dry loose | 447 | N/S N/O | | | | | |
| 10 | | White caliche w/ some red sand | 502 | N/S N/O | 60 | | | | |
| | | | | | | | | | |
| 15 | | Dry loose lt red silty sand | | | 65 | | | | |
| | | | | | | | | | |
| 20 | | Dry loose lt red silty sand | | | 70 | | | | |
| | | | | | | | | | |
| 25 | | lt red dry loose calcic sand | | | 75 | | | | |
| | | | | | | | | | |
| 30 | | lt red dry loose calcic sand | | | 80 | | | | |
| | | | | | | | | | |
| 35 | | lt red dry loose calcic sand | | | 85 | | | | |
| | | | | | | | | | |
| 40 | | reddish orange silty sand, trace caliche | | | 90 | | | | |
| | | | | | | | | | |
| 45 | | reddish orange silty sand, trace caliche | | | 95 | | | | |
| | | | | | | | | | |
| 50 | | | | | 100 | | | | |

* H.O. = Heavy Odor

* L.O. = Low Odor

* H.S. = Heavy Staining

* L.S. = Low Staining

Groundwater Determination Bore Map

OG Resources
Caballo Section 23 Tank Battery

Legend

- 1/2 Mile Radius
- Caballo Section 23 Tank Battery

Released to Imaging: 6/29/2022 3:01:36 PM

Received by OCD: 6/15/2022 5:17:58 PM

Caballo Section 23 Tank Battery

GWDB

Water Well Data
Average Depth to Groundwater (ft)
EOG - Caballo Sec. 23 Tank Battery , Lea County, New Mexico

| 24 South | | | 32 East | | |
|----------|----|-----|---------|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | | 290 | | | |

| 24 South | | | 33 East | | |
|----------|----|------|---------|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | | 93.2 | | | |

| 24 South | | | 34 East | | |
|----------|----|----|---------|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

| 25 South | | | 32 East | | |
|----------|-----|----|---------|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | 290 | | | | |

| 25 South | | | 33 East | | |
|----------|-----|----|---------|----|-----|
| 6 | 5 | 90 | 4 | 3 | 172 |
| 7 | 8 | | 9 | 10 | 11 |
| 18 | 17 | | 16 | 15 | 14 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | 257 | | | | |

| 25 South | | | 34 East | | |
|----------|----|----|---------|----|-----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 50 | 28 | 27 | 26 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | | | | | 260 |

| 26 South | | | 32 East | | |
|----------|----|----|---------|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| 295 | | | | | |

| 26 South | | | 33 East | | |
|----------|----|----|---------|-----|----|
| 6 | 5 | 4 | 3 | 180 | 2 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | | | | | |

| 26 South | | | 34 East | | |
|----------|----|----|---------|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | | | | | |

88 New Mexico State Engineers Well Reports

105 USGS Well Reports

90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)
 Geology and Groundwater Resources of Eddy County, NM (Report 3)

34 NMOCD - Groundwater Data

121 Abandoned Waterwell (recently measured)



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|-----------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|------------|-------------|--------------|
| C 02312 | | CUB | LE | 1 | 2 | 1 | 05 | 25S | 33E | 632241 | 3559687* | 150 | 90 | 60 |
| C 02313 | | CUB | LE | 2 | 3 | 3 | 26 | 25S | 33E | 636971 | 3552098* | 150 | 110 | 40 |
| C 02373 CLW317846 | O | CUB | LE | 2 | 1 | 1 | 13 | 25S | 33E | 638518 | 3556544* | 625 | 185 | 440 |
| C 02373 S | | CUB | LE | 1 | 2 | 1 | 13 | 25S | 33E | 638721 | 3556549* | 625 | 185 | 440 |

Average Depth to Water: **142 feet**

Minimum Depth: **90 feet**

Maximum Depth: **185 feet**

Record Count: 4

PLSS Search:

Township: 25S

Range: 33E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/2/19 10:12 AM


Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

| | | | | | | | | | |
|-----------------|-------------------|------------------------------------|------------|-----------|------------|------------|------------|-----------------------|--|
| Well Tag | POD Number | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | | | | (NAD83 UTM in meters) | |
| | | (quarters are smallest to largest) | | | | | | X | Y |
| | | Q64 | Q16 | Q4 | Sec | Tws | Rng | | |
| C | 02313 | 2 | 3 | 3 | 26 | 25S | 33E | 636971 | 3552098*  |

Driller License:**Driller Company:****Driller Name:** UNKNOWN**Drill Start Date:** 01/01/1925**Drill Finish Date:** 06/30/1925**Plug Date:****Log File Date:****PCW Rcv Date:****Source:****Pump Type:****Pipe Discharge Size:****Estimated Yield:** 60 GPM**Casing Size:** 6.88**Depth Well:** 150 feet**Depth Water:** 110 feet

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/28/22 8:57 PM

Page 1 of 1

POD SUMMARY - C 02313



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

- 320631103351401

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320631103351401 25S.33E.20.443313

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code --

Latitude 32°06'31", Longitude 103°35'14" NAD27

Land-surface elevation 3,398 feet above NAVD88

This well is completed in the Chinle Formation (231CHNL) local aquifer.

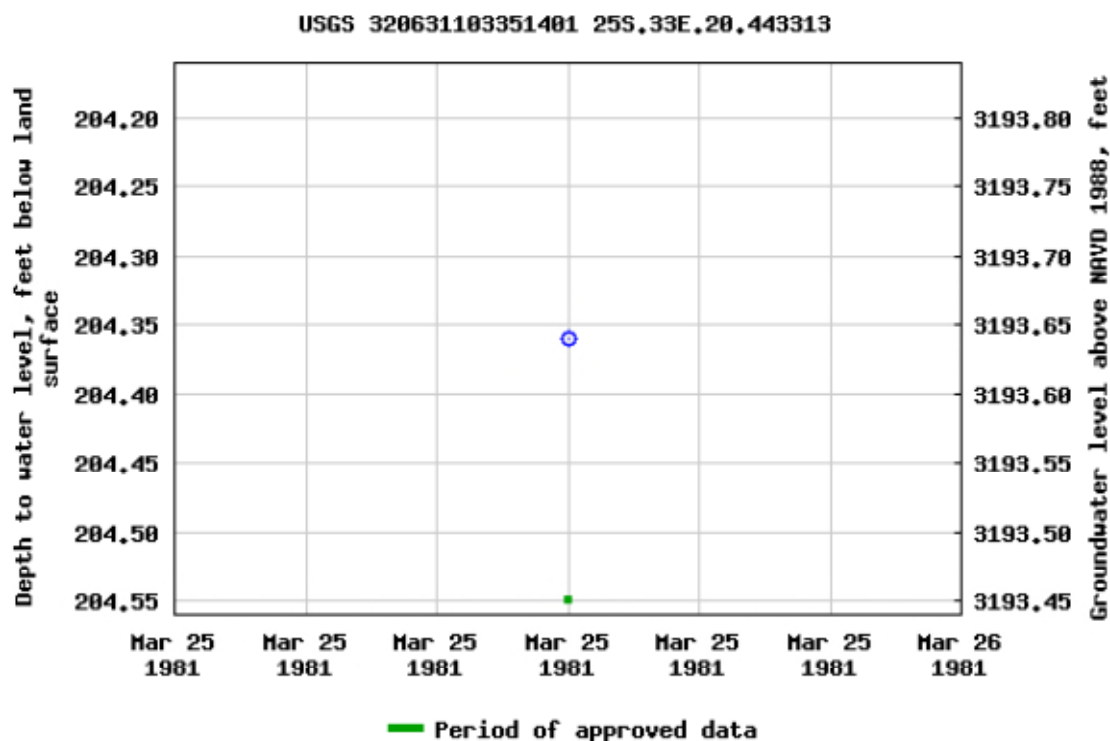
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

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[News](#)

[Accessibility](#)

[Plug-Ins](#)

[FOIA](#)

[Privacy](#)

[Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>




Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2019-07-02 12:16:27 EDT

1.03 0.92 nadww01








National Water Information System: Mapper


| Sites | Map |
|--|-----|
| <div>Search</div> <div>Search by Street Address: <input type="text" value="32.122741 -103.542910"/></div> <div>Search by Place Name: <input type="text" value="Enter Place Name"/></div> <div>Search by Site Number(s): <input type="text" value="Enter Site Number(s)"/></div> <div>Search by State/Territory: <input type="text" value="Select an Area"/></div> <div>Search by Watershed Region: <input type="text" value="Select a Region"/></div> <div>Surface-Water Sites</div> <div>Groundwater Sites</div> <div>Springs</div> <div>Atmospheric Sites</div> <div>Other Sites</div> | |
|  <div>Site Information</div> | |

Karst Potential

EOG Caballo Sec. 23 TB

Legend

-  Caballo Sec 23 CTB Spill Path_Part
-  Caballo Section 23 Tank Battery
-  High
-  Low
-  Medium

 Caballo Section 23 Tank Battery



3 mi



NFHL Web Mapping Application



Data Layers



Search Result
Y:32.122741 X:-103.542910
[Zoom to](#)

100m
300ft

3345 ft

FEMA | Bureau of Land Management



Appendix C

Laboratory Reports

Analytical Report 628855

**for
Tetra Tech- Midland**

Project Manager: Clair Gonzales

Caballo 23 TB

07-JUL-19

Collected By: Client



**1089 N Canal Street
Carlsbad, NM 88220**

Xenco-Houston (EPA Lab Code: TX00122):

Texas (T104704215-19-29), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):

Texas (T104704295-19-19), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)

Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-20)

Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)

Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)

Xenco-Atlanta (LELAP Lab ID #04176)

Xenco-Tampa: Florida (E87429), North Carolina (483)



07-JUL-19

Project Manager: **Clair Gonzales**

Tetra Tech- Midland

901 West Wall ST

Midland, TX 79701

Reference: XENCO Report No(s): **628855**

Caballo 23 TB

Project Address: Lea Co, NM

Clair Gonzales :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 628855. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 628855 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

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

Jessica Kramer

Project Assistant

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America



Sample Cross Reference 628855

Tetra Tech- Midland, Midland, TX

Caballo 23 TB

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|----------------|--------------|---------------|
| AH #1 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-001 |
| AH #1 | S | 06-24-19 00:00 | 1 - 1.5 ft | 628855-002 |
| AH #1 | S | 06-24-19 00:00 | 2 - 2.5 ft | 628855-003 |
| AH #1 | S | 06-24-19 00:00 | 3 - 3.5 ft | 628855-004 |
| AH #1 | S | 06-24-19 00:00 | 4 - 4.5 ft | 628855-005 |
| AH #2 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-006 |
| AH #2 | S | 06-24-19 00:00 | 1 - 1.5 ft | 628855-007 |
| AH #3 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-008 |
| AH #3 | S | 06-24-19 00:00 | 1 - 1.5 ft | 628855-009 |
| AH #3 | S | 06-24-19 00:00 | 2 - 2.5 ft | 628855-010 |
| AH #3 | S | 06-24-19 00:00 | 4 - 4.5 ft | 628855-011 |
| AH #3 | S | 06-24-19 00:00 | 3 - 3.5 ft | 628855-012 |
| AH #4 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-013 |
| AH #4 | S | 06-24-19 00:00 | 1 - 1.5 ft | 628855-014 |
| AH #4 | S | 06-24-19 00:00 | 2 - 2.5 ft | 628855-015 |
| AH #4 | S | 06-24-19 00:00 | 3 - 3.5 ft | 628855-016 |
| AH #4 | S | 06-24-19 00:00 | 4 - 4.5 ft | 628855-017 |
| AH #5 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-018 |
| AH #5 | S | 06-24-19 00:00 | 1 - 1.5 ft | 628855-019 |
| AH #5 | S | 06-24-19 00:00 | 2 - 2.5 ft | 628855-020 |
| AH #5 | S | 06-24-19 00:00 | 3 - 3.5 ft | 628855-021 |
| AH #6 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-022 |
| AH #6 | S | 06-24-19 00:00 | 1 - 1.5 ft | 628855-023 |
| AH #6 | S | 06-24-19 00:00 | 2 - 2.5 ft | 628855-024 |
| AH #7 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-025 |
| AH #8 | S | 06-24-19 00:00 | 0 - 1 ft | 628855-026 |



CASE NARRATIVE

Client Name: Tetra Tech- Midland

Project Name: Caballo 23 TB

Project ID:

Work Order Number(s): 628855

Report Date: 07-JUL-19

Date Received: 06/24/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3094559 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.



Certificate of Analysis Summary 628855

Tetra Tech- Midland, Midland, TX

Project Name: Caballo 23 TB

Project Id:

Contact: Clair Gonzales

Project Location: Lea Co, NM

Date Received in Lab: Mon Jun-24-19 02:35 pm

Report Date: 07-JUL-19

Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 628855-001 | 628855-002 | 628855-003 | 628855-004 | 628855-005 | 628855-006 |
|--|-------------------|--------------------|--------------------|-----------------|-----------------|-----------------|--------------------|
| | <i>Field Id:</i> | AH #1 | AH #1 | AH #1 | AH #1 | AH #1 | AH #2 |
| | <i>Depth:</i> | 0-1 ft | 1-1.5 ft | 2-2.5 ft | 3-3.5 ft | 4-4.5 ft | 0-1 ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 |
| BTEX by EPA 8021B SUB: T104704400-18-16 | <i>Extracted:</i> | Jul-01-19 17:40 | Jul-01-19 17:40 | | | | Jul-01-19 17:40 |
| | <i>Analyzed:</i> | Jul-05-19 16:30 | Jul-05-19 16:52 | | | | Jul-05-19 17:14 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | | | | mg/kg RL |
| Benzene | | <0.000382 0.000382 | <0.000383 0.000383 | | | | <0.000386 0.000386 |
| Toluene | | <0.000452 0.000452 | <0.000454 0.000454 | | | | <0.000457 0.000457 |
| Ethylbenzene | | <0.000560 0.000560 | <0.000563 0.000563 | | | | <0.000566 0.000566 |
| m,p-Xylenes | | <0.00101 0.00101 | <0.00101 0.00101 | | | | <0.00102 0.00102 |
| o-Xylene | | <0.000342 0.000342 | <0.000343 0.000343 | | | | <0.000345 0.000345 |
| Total Xylenes | | <0.000342 0.000342 | <0.000343 0.000343 | | | | <0.000345 0.000345 |
| Total BTEX | | <0.000342 0.000342 | <0.000343 0.000343 | | | | <0.000345 0.000345 |
| Chloride by EPA 300 SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-26-19 16:35 | Jun-26-19 16:35 | Jun-26-19 16:35 | Jun-26-19 16:35 | Jun-26-19 16:35 | Jun-26-19 16:45 |
| | <i>Analyzed:</i> | Jun-26-19 18:39 | Jun-26-19 18:44 | Jun-26-19 18:48 | Jun-26-19 18:53 | Jun-26-19 18:58 | Jun-26-19 19:42 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 3820 4.27 | 4190 4.28 | 1800 4.29 | 2210 4.32 | 3500 4.27 | 5970 8.58 |
| TPH by SW8015 Mod SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-27-19 07:00 | Jun-27-19 07:00 | | | | Jun-27-19 07:00 |
| | <i>Analyzed:</i> | Jun-27-19 12:48 | Jun-27-19 14:02 | | | | Jun-27-19 14:27 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | | | | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | 9.00 J 7.99 | 8.65 J 7.98 | | | | 10.1 J 7.99 |
| Diesel Range Organics (DRO) | | 9.93 J 8.12 | 10.3 J 8.10 | | | | 10.0 J 8.11 |
| Motor Oil Range Hydrocarbons (MRO) | | <8.12 8.12 | <8.10 8.10 | | | | <8.11 8.11 |
| Total TPH | | 18.9 7.99 | 19.0 7.98 | | | | 20.1 7.99 |

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jessica Kramer
Project Assistant



Certificate of Analysis Summary 628855

Tetra Tech- Midland, Midland, TX

Project Name: Caballo 23 TB

Project Id:

Contact: Clair Gonzales

Project Location: Lea Co, NM

Date Received in Lab: Mon Jun-24-19 02:35 pm

Report Date: 07-JUL-19

Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 628855-007 | 628855-008 | 628855-009 | 628855-010 | 628855-011 | 628855-012 |
|--|-------------------|--------------------|--------------------|--------------------|-----------------|-----------------|-----------------|
| | <i>Field Id:</i> | AH #2 | AH #3 | AH #3 | AH #3 | AH #3 | AH #3 |
| | <i>Depth:</i> | 1-1.5 ft | 0-1 ft | 1-1.5 ft | 2-2.5 ft | 4-4.5 ft | 3-3.5 ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 |
| BTEX by EPA 8021B SUB: T104704400-18-16 | <i>Extracted:</i> | Jul-01-19 17:40 | Jul-01-19 17:40 | Jul-01-19 17:40 | | | |
| | <i>Analyzed:</i> | Jul-05-19 17:36 | Jul-05-19 17:58 | Jul-05-19 18:20 | | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | | | |
| Benzene | | <0.000381 0.000381 | <0.000381 0.000381 | <0.000378 0.000378 | | | |
| Toluene | | <0.000451 0.000451 | <0.000451 0.000451 | <0.000448 0.000448 | | | |
| Ethylbenzene | | <0.000559 0.000559 | <0.000559 0.000559 | <0.000555 0.000555 | | | |
| m,p-Xylenes | | <0.00100 0.00100 | <0.00100 0.00100 | <0.000996 0.000996 | | | |
| o-Xylene | | <0.000341 0.000341 | <0.000341 0.000341 | <0.000338 0.000338 | | | |
| Total Xylenes | | <0.000341 0.000341 | <0.000341 0.000341 | <0.000338 0.000338 | | | |
| Total BTEX | | <0.000341 0.000341 | <0.000341 0.000341 | <0.000338 0.000338 | | | |
| Chloride by EPA 300 SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 |
| | <i>Analyzed:</i> | Jun-26-19 19:46 | Jun-26-19 19:27 | Jun-26-19 19:51 | Jun-26-19 19:56 | Jun-26-19 20:11 | Jun-26-19 20:16 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 4060 8.60 | 207 0.862 | 247 0.867 | 1570 4.27 | 2160 4.25 | 9330 8.65 |
| TPH by SW8015 Mod SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-27-19 07:00 | Jun-27-19 07:00 | Jun-27-19 07:00 | | | |
| | <i>Analyzed:</i> | Jun-27-19 14:52 | Jun-27-19 15:18 | Jun-27-19 15:43 | | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | | | |
| Gasoline Range Hydrocarbons (GRO) | | 8.91 J 7.98 | 10.4 J 8.00 | 9.60 J 7.99 | | | |
| Diesel Range Organics (DRO) | | 9.19 J 8.10 | 13.1 J 8.13 | 10.6 J 8.11 | | | |
| Motor Oil Range Hydrocarbons (MRO) | | <8.10 8.10 | <8.13 8.13 | <8.11 8.11 | | | |
| Total TPH | | 18.1 7.98 | 23.5 8.00 | 20.2 7.99 | | | |

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Jessica Kramer
Project Assistant



Certificate of Analysis Summary 628855

Tetra Tech- Midland, Midland, TX

Project Name: Caballo 23 TB

Project Id:

Contact: Clair Gonzales

Project Location: Lea Co, NM

Date Received in Lab: Mon Jun-24-19 02:35 pm

Report Date: 07-JUL-19

Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 628855-013 | 628855-014 | 628855-015 | 628855-016 | 628855-017 | 628855-018 |
|--|-------------------|--------------------|--------------------|-----------------|-----------------|-----------------|--------------------|
| | <i>Field Id:</i> | AH #4 | AH #4 | AH #4 | AH #4 | AH #4 | AH #5 |
| | <i>Depth:</i> | 0-1 ft | 1-1.5 ft | 2-2.5 ft | 3-3.5 ft | 4-4.5 ft | 0-1 ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 |
| BTEX by EPA 8021B SUB: T104704400-18-16 | <i>Extracted:</i> | Jul-01-19 17:40 | Jul-01-19 17:40 | | | | Jul-01-19 17:40 |
| | <i>Analyzed:</i> | Jul-06-19 00:19 | Jul-05-19 21:45 | | | | Jul-05-19 18:42 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | | | | mg/kg RL |
| Benzene | | <0.000384 0.000384 | <0.000386 0.000386 | | | | <0.000385 0.000385 |
| Toluene | | <0.000455 0.000455 | <0.000457 0.000457 | | | | <0.000456 0.000456 |
| Ethylbenzene | | <0.000564 0.000564 | <0.000567 0.000567 | | | | <0.000565 0.000565 |
| m,p-Xylenes | | <0.00101 0.00101 | <0.00102 0.00102 | | | | <0.00101 0.00101 |
| o-Xylene | | <0.000344 0.000344 | <0.000346 0.000346 | | | | <0.000344 0.000344 |
| Total Xylenes | | <0.000344 0.000344 | <0.000346 0.000346 | | | | <0.000344 0.000344 |
| Total BTEX | | <0.000344 0.000344 | <0.000346 0.000346 | | | | <0.000344 0.000344 |
| Chloride by EPA 300 SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 |
| | <i>Analyzed:</i> | Jun-26-19 20:20 | Jun-26-19 20:25 | Jun-26-19 20:30 | Jun-26-19 20:35 | Jun-26-19 20:49 | Jun-26-19 20:54 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 967 0.857 | 143 0.858 | 54.1 0.858 | 348 0.858 | 922 0.853 | 6190 8.67 |
| TPH by SW8015 Mod SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-27-19 07:00 | Jun-27-19 07:00 | | | | Jun-27-19 07:00 |
| | <i>Analyzed:</i> | Jun-27-19 16:09 | Jun-27-19 16:34 | | | | Jun-27-19 17:00 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | | | | mg/kg RL |
| Gasoline Range Hydrocarbons (GRO) | | 15.5 7.99 | 9.04 J 7.99 | | | | 13.1 J 7.97 |
| Diesel Range Organics (DRO) | | 1710 8.12 | 132 8.12 | | | | 2690 8.10 |
| Motor Oil Range Hydrocarbons (MRO) | | 170 8.12 | 21.3 8.12 | | | | 281 8.10 |
| Total TPH | | 1900 7.99 | 162 7.99 | | | | 2980 7.97 |

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Jessica Kramer
Project Assistant



Certificate of Analysis Summary 628855

Tetra Tech- Midland, Midland, TX

Project Name: Caballo 23 TB

Project Id:

Contact: Clair Gonzales

Project Location: Lea Co, NM

Date Received in Lab: Mon Jun-24-19 02:35 pm

Report Date: 07-JUL-19

Project Manager: Jessica Kramer

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 628855-019 | 628855-020 | 628855-021 | 628855-022 | 628855-023 | 628855-024 |
|--|-------------------|--------------------|-----------------|-----------------|--------------------|--------------------|-----------------|
| | <i>Field Id:</i> | AH #5 | AH #5 | AH #5 | AH #6 | AH #6 | AH #6 |
| | <i>Depth:</i> | 1-1.5 ft | 2-2.5 ft | 3-3.5 ft | 0-1 ft | 1-1.5 ft | 2-2.5 ft |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 | Jun-24-19 00:00 |
| BTEX by EPA 8021B SUB: T104704400-18-16 | <i>Extracted:</i> | Jul-01-19 17:40 | | | Jul-01-19 17:40 | Jul-01-19 17:40 | |
| | <i>Analyzed:</i> | Jul-05-19 19:04 | | | Jul-06-19 00:41 | Jul-05-19 19:26 | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | mg/kg RL | |
| Benzene | | <0.000386 0.000386 | | | <0.000382 0.000382 | <0.000382 0.000382 | |
| Toluene | | <0.000457 0.000457 | | | <0.000452 0.000452 | <0.000452 0.000452 | |
| Ethylbenzene | | <0.000567 0.000567 | | | <0.000560 0.000560 | <0.000560 0.000560 | |
| m,p-Xylenes | | <0.00102 0.00102 | | | <0.00101 0.00101 | <0.00101 0.00101 | |
| o-Xylene | | <0.000346 0.000346 | | | <0.000342 0.000342 | <0.000342 0.000342 | |
| Total Xylenes | | <0.000346 0.000346 | | | <0.000342 0.000342 | <0.000342 0.000342 | |
| Total BTEX | | <0.000346 0.000346 | | | <0.000342 0.000342 | <0.000342 0.000342 | |
| Chloride by EPA 300 SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 | Jun-26-19 16:45 |
| | <i>Analyzed:</i> | Jun-26-19 21:09 | Jun-26-19 21:14 | Jun-26-19 21:18 | Jun-26-19 21:23 | Jun-26-19 21:28 | Jun-26-19 21:33 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 2510 4.30 | 321 0.850 | 4980 4.25 | 3730 4.27 | 776 0.864 | 11.4 0.857 |
| TPH by SW8015 Mod SUB: T104704400-18-16 | <i>Extracted:</i> | Jun-27-19 07:00 | | | Jun-27-19 07:00 | Jun-27-19 07:00 | |
| | <i>Analyzed:</i> | Jun-27-19 17:25 | | | Jun-27-19 18:17 | Jun-27-19 18:43 | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | mg/kg RL | |
| Gasoline Range Hydrocarbons (GRO) | | <7.98 7.98 | | | 44.9 7.99 | 11.4 J 7.97 | |
| Diesel Range Organics (DRO) | | 109 8.10 | | | 3990 8.12 | 858 8.10 | |
| Motor Oil Range Hydrocarbons (MRO) | | 46.2 8.10 | | | 314 8.12 | 114 8.10 | |
| Total TPH | | 155 7.98 | | | 4350 7.99 | 983 7.97 | |

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Jessica Kramer
Project Assistant



Certificate of Analysis Summary 628855

Tetra Tech- Midland, Midland, TX

Project Name: Caballo 23 TB

Project Id:

Contact: Clair Gonzales

Project Location: Lea Co, NM

Date Received in Lab: Mon Jun-24-19 02:35 pm

Report Date: 07-JUL-19

Project Manager: Jessica Kramer

| | | | | | | | |
|--|-------------------|--------------------|--------------------|--|--|--|--|
| Analysis Requested | Lab Id: | 628855-025 | 628855-026 | | | | |
| | Field Id: | AH #7 | AH #8 | | | | |
| | Depth: | 0-1 ft | 0-1 ft | | | | |
| | Matrix: | SOIL | SOIL | | | | |
| | Sampled: | Jun-24-19 00:00 | Jun-24-19 00:00 | | | | |
| BTEX by EPA 8021B SUB: T104704400-18-16 | Extracted: | Jul-01-19 17:40 | Jul-01-19 17:40 | | | | |
| | Analyzed: | Jul-05-19 19:48 | Jul-05-19 21:23 | | | | |
| | Units/RL: | mg/kg RL | mg/kg RL | | | | |
| Benzene | | <0.000383 0.000383 | <0.000382 0.000382 | | | | |
| Toluene | | <0.000453 0.000453 | <0.000452 0.000452 | | | | |
| Ethylbenzene | | <0.000561 0.000561 | <0.000560 0.000560 | | | | |
| m,p-Xylenes | | <0.00101 0.00101 | <0.00101 0.00101 | | | | |
| o-Xylene | | <0.000342 0.000342 | <0.000342 0.000342 | | | | |
| Total Xylenes | | <0.000342 0.000342 | <0.000342 0.000342 | | | | |
| Total BTEX | | <0.000342 0.000342 | <0.000342 0.000342 | | | | |
| Chloride by EPA 300 SUB: T104704400-18-16 | Extracted: | Jun-26-19 16:45 | Jun-28-19 08:30 | | | | |
| | Analyzed: | Jun-26-19 21:38 | Jun-28-19 11:42 | | | | |
| | Units/RL: | mg/kg RL | mg/kg RL | | | | |
| Chloride | | 2810 4.29 | 2500 4.29 | | | | |
| TPH by SW8015 Mod SUB: T104704400-18-16 | Extracted: | Jun-27-19 07:00 | Jun-27-19 07:00 | | | | |
| | Analyzed: | Jun-27-19 19:09 | Jun-27-19 19:35 | | | | |
| | Units/RL: | mg/kg RL | mg/kg RL | | | | |
| Gasoline Range Hydrocarbons (GRO) | | 9.64 J 8.00 | 11.7 J 8.00 | | | | |
| Diesel Range Organics (DRO) | | 2460 8.13 | 1140 8.13 | | | | |
| Motor Oil Range Hydrocarbons (MRO) | | 259 8.13 | 138 8.13 | | | | |
| Total TPH | | 2730 8.00 | 1290 8.00 | | | | |

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Jessica Kramer
Project Assistant



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Lab Batch #: 3093877

Sample: 628855-001 / SMP

Project ID:

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 12:48

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 93.9 | 99.9 | 94 | 70-135 | |
| o-Terphenyl | 38.7 | 50.0 | 77 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 14:02

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 98.0 | 99.7 | 98 | 70-135 | |
| o-Terphenyl | 48.0 | 49.9 | 96 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 14:27

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 104 | 99.8 | 104 | 70-135 | |
| o-Terphenyl | 49.8 | 49.9 | 100 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 14:52

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 91.2 | 99.7 | 91 | 70-135 | |
| o-Terphenyl | 41.8 | 49.9 | 84 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 15:18

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 85.8 | 100 | 86 | 70-135 | |
| o-Terphenyl | 46.9 | 50.0 | 94 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Lab Batch #: 3093877

Sample: 628855-009 / SMP

Project ID:

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 15:43

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 87.7 | 99.8 | 88 | 70-135 | |
| o-Terphenyl | 40.9 | 49.9 | 82 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-013 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 16:09

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 85.2 | 99.9 | 85 | 70-135 | |
| o-Terphenyl | 46.4 | 50.0 | 93 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-014 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 16:34

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 99.6 | 99.9 | 100 | 70-135 | |
| o-Terphenyl | 46.0 | 50.0 | 92 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-018 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 17:00

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 82.9 | 99.6 | 83 | 70-135 | |
| o-Terphenyl | 43.7 | 49.8 | 88 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-019 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 17:25

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 94.9 | 99.7 | 95 | 70-135 | |
| o-Terphenyl | 43.4 | 49.9 | 87 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Lab Batch #: 3093877

Sample: 628855-022 / SMP

Project ID:

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 18:17

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 81.1 | 99.9 | 81 | 70-135 | |
| o-Terphenyl | 49.2 | 50.0 | 98 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-023 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 18:43

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 96.4 | 99.6 | 97 | 70-135 | |
| o-Terphenyl | 40.8 | 49.8 | 82 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-025 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 19:09

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 74.7 | 100 | 75 | 70-135 | |
| o-Terphenyl | 37.0 | 50.0 | 74 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-026 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 19:35

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 85.8 | 100 | 86 | 70-135 | |
| o-Terphenyl | 36.2 | 50.0 | 72 | 70-135 | |

Lab Batch #: 3094559

Sample: 628855-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 16:30

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0289 | 0.0300 | 96 | 70-130 | |
| 4-Bromofluorobenzene | 0.0315 | 0.0300 | 105 | 70-130 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Lab Batch #: 3094559

Sample: 628855-002 / SMP

Project ID:

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 16:52

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0286 | 0.0300 | 95 | 70-130 | |
| 4-Bromofluorobenzene | 0.0319 | 0.0300 | 106 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 17:14

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0294 | 0.0300 | 98 | 70-130 | |
| 4-Bromofluorobenzene | 0.0322 | 0.0300 | 107 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 17:36

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0293 | 0.0300 | 98 | 70-130 | |
| 4-Bromofluorobenzene | 0.0326 | 0.0300 | 109 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 17:58

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0288 | 0.0300 | 96 | 70-130 | |
| 4-Bromofluorobenzene | 0.0337 | 0.0300 | 112 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 18:20

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0288 | 0.0300 | 96 | 70-130 | |
| 4-Bromofluorobenzene | 0.0325 | 0.0300 | 108 | 70-130 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Lab Batch #: 3094559

Sample: 628855-018 / SMP

Project ID:

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 18:42

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0273 | 0.0300 | 91 | 70-130 | |
| 4-Bromofluorobenzene | 0.0326 | 0.0300 | 109 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-019 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 19:04

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0292 | 0.0300 | 97 | 70-130 | |
| 4-Bromofluorobenzene | 0.0359 | 0.0300 | 120 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-023 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 19:26

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0274 | 0.0300 | 91 | 70-130 | |
| 4-Bromofluorobenzene | 0.0339 | 0.0300 | 113 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-025 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 19:48

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0282 | 0.0300 | 94 | 70-130 | |
| 4-Bromofluorobenzene | 0.0337 | 0.0300 | 112 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-026 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 21:23

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0278 | 0.0300 | 93 | 70-130 | |
| 4-Bromofluorobenzene | 0.0297 | 0.0300 | 99 | 70-130 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Lab Batch #: 3094559

Sample: 628855-014 / SMP

Project ID:

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 21:45

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0277 | 0.0300 | 92 | 70-130 | |
| 4-Bromofluorobenzene | 0.0360 | 0.0300 | 120 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-013 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/06/19 00:19

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0277 | 0.0300 | 92 | 70-130 | |
| 4-Bromofluorobenzene | 0.0357 | 0.0300 | 119 | 70-130 | |

Lab Batch #: 3094559

Sample: 628855-022 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/06/19 00:41

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0277 | 0.0300 | 92 | 70-130 | |
| 4-Bromofluorobenzene | 0.0335 | 0.0300 | 112 | 70-130 | |

Lab Batch #: 3093877

Sample: 7680987-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 06/27/19 11:34

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 93.0 | 100 | 93 | 70-135 | |
| o-Terphenyl | 38.3 | 50.0 | 77 | 70-135 | |

Lab Batch #: 3094559

Sample: 7681346-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 07/05/19 16:08

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0281 | 0.0300 | 94 | 70-130 | |
| 4-Bromofluorobenzene | 0.0298 | 0.0300 | 99 | 70-130 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Lab Batch #: 3093877

Sample: 7680987-1-BKS / BKS

Project ID:

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 06/27/19 11:58

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 81.2 | 100 | 81 | 70-135 | |
| o-Terphenyl | 36.1 | 50.0 | 72 | 70-135 | |

Lab Batch #: 3094559

Sample: 7681346-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 07/05/19 14:36

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0283 | 0.0300 | 94 | 70-130 | |
| 4-Bromofluorobenzene | 0.0330 | 0.0300 | 110 | 70-130 | |

Lab Batch #: 3093877

Sample: 7680987-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 06/27/19 12:23

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 89.7 | 100 | 90 | 70-135 | |
| o-Terphenyl | 43.2 | 50.0 | 86 | 70-135 | |

Lab Batch #: 3093877

Sample: 628855-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 13:13

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane | 94.7 | 99.9 | 95 | 70-135 | |
| o-Terphenyl | 55.6 | 50.0 | 111 | 70-135 | |

Lab Batch #: 3094559

Sample: 628855-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 14:58

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1,4-Difluorobenzene | 0.0285 | 0.0300 | 95 | 70-130 | |
| 4-Bromofluorobenzene | 0.0346 | 0.0300 | 115 | 70-130 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Caballo 23 TB

Work Orders : 628855,

Project ID:

Lab Batch #: 3093877

Sample: 628855-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 06/27/19 13:37

SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-----------------------------------|---------------------|--------------------|-----------------------|----------------------|-------|
| 1-Chlorooctane | 85.4 | 100 | 85 | 70-135 | |
| o-Terphenyl | 38.9 | 50.0 | 78 | 70-135 | |

Lab Batch #: 3094559

Sample: 628855-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 07/05/19 15:20

SURROGATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-----------------------------------|---------------------|--------------------|-----------------------|----------------------|-------|
| 1,4-Difluorobenzene | 0.0303 | 0.0300 | 101 | 70-130 | |
| 4-Bromofluorobenzene | 0.0365 | 0.0300 | 122 | 70-130 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Blank Spike Recovery

Project Name: Caballo 23 TB

Work Order #: 628855

Project ID:

Lab Batch #: 3094559

Sample: 7681346-1-BKS

Matrix: Solid

Date Analyzed: 07/05/2019

Date Prepared: 07/01/2019

Analyst: AMB

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

| BTEX by EPA 8021B | | Blank Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Control Limits %R | Flags |
|-------------------|--|------------------|-----------------|------------------------|--------------------|-------------------|-------|
| Analytes | | | | | | | |
| Benzene | | <0.000384 | 0.0998 | 0.0929 | 93 | 70-130 | |
| Toluene | | <0.000455 | 0.0998 | 0.0900 | 90 | 70-130 | |
| Ethylbenzene | | <0.000564 | 0.0998 | 0.0992 | 99 | 70-130 | |
| m,p-Xylenes | | <0.00101 | 0.200 | 0.201 | 101 | 70-130 | |
| o-Xylene | | <0.000344 | 0.0998 | 0.0973 | 97 | 70-130 | |

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit



BS / BSD Recoveries



Project Name: Caballo 23 TB

Work Order #: 628855

Project ID:

Analyst: CHE

Date Prepared: 06/26/2019

Date Analyzed: 06/26/2019

Lab Batch ID: 3093717

Sample: 7680864-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Analytes | | | | | | | | | | | |
| Chloride | <0.858 | 250 | 272 | 109 | 250 | 272 | 109 | 0 | 90-110 | 20 | |

Analyst: CHE

Date Prepared: 06/26/2019

Date Analyzed: 06/26/2019

Lab Batch ID: 3093719

Sample: 7680866-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Analytes | | | | | | | | | | | |
| Chloride | <0.858 | 250 | 261 | 104 | 250 | 261 | 104 | 0 | 90-110 | 20 | |

Analyst: CHE

Date Prepared: 06/28/2019

Date Analyzed: 06/28/2019

Lab Batch ID: 3093973

Sample: 7680927-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Analytes | | | | | | | | | | | |
| Chloride | <0.858 | 250 | 247 | 99 | 250 | 248 | 99 | 0 | 90-110 | 20 | |

Relative Percent Difference RPD = $200 * |(C-F)/(C+F)|$ Blank Spike Recovery [D] = $100 * (C)/[B]$ Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes



BS / BSD Recoveries



Project Name: Caballo 23 TB

Work Order #: 628855

Project ID:

Analyst: ARM

Date Prepared: 06/27/2019

Date Analyzed: 06/27/2019

Lab Batch ID: 3093877

Sample: 7680987-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|-------------------------------|-----------------------|---------------------------------|-----------------------------|-----------------------|---|-------------------------------|----------|-------------------------|---------------------------|------|
| Gasoline Range Hydrocarbons (GRO) | <8.00 | 1000 | 910 | 91 | 1000 | 1050 | 105 | 14 | 70-135 | 20 | |
| Diesel Range Organics (DRO) | <8.13 | 1000 | 915 | 92 | 1000 | 1070 | 107 | 16 | 70-135 | 20 | |

Relative Percent Difference RPD = $200 * |(C-F)/(C+F)|$ Blank Spike Recovery [D] = $100 * (C)/[B]$ Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries

Project Name: Caballo 23 TB

Work Order #: 628855

Project ID:

Lab Batch ID: 3094559

QC- Sample ID: 628855-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 07/05/2019

Date Prepared: 07/01/2019

Analyst: AMB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Benzene | <0.000381 | 0.0990 | 0.0825 | 83 | 0.0992 | 0.0875 | 88 | 6 | 70-130 | 35 | |
| Toluene | <0.000451 | 0.0990 | 0.0795 | 80 | 0.0992 | 0.0842 | 85 | 6 | 70-130 | 35 | |
| Ethylbenzene | <0.000559 | 0.0990 | 0.0869 | 88 | 0.0992 | 0.0883 | 89 | 2 | 70-130 | 35 | |
| m,p-Xylenes | <0.00100 | 0.198 | 0.174 | 88 | 0.198 | 0.180 | 91 | 3 | 70-130 | 35 | |
| o-Xylene | <0.000341 | 0.0990 | 0.0817 | 83 | 0.0992 | 0.0862 | 87 | 5 | 70-130 | 35 | |

Lab Batch ID: 3093717

QC- Sample ID: 628956-009 S

Batch #: 1 Matrix: Soil

Date Analyzed: 06/26/2019

Date Prepared: 06/26/2019

Analyst: CHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Chloride | 62.8 | 252 | 357 | 117 | 252 | 354 | 116 | 1 | 90-110 | 20 | X |

Lab Batch ID: 3093717

QC- Sample ID: 628956-019 S

Batch #: 1 Matrix: Soil

Date Analyzed: 06/26/2019

Date Prepared: 06/26/2019

Analyst: CHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Chloride | <0.853 | 249 | 284 | 114 | 249 | 281 | 113 | 1 | 90-110 | 20 | X |

Matrix Spike Percent Recovery $[D] = 100 \times (C-A)/B$
 Relative Percent Difference $RPD = 200 \times |(C-F)/(C+F)|$

Matrix Spike Duplicate Percent Recovery $[G] = 100 \times (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.



Form 3 - MS / MSD Recoveries

Project Name: Caballo 23 TB

Work Order #: 628855

Project ID:

Lab Batch ID: 3093719

QC- Sample ID: 628855-008 S

Batch #: 1 Matrix: Soil

Date Analyzed: 06/26/2019

Date Prepared: 06/26/2019

Analyst: CHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Chloride | 207 | 251 | 469 | 104 | 251 | 465 | 103 | 1 | 90-110 | 20 | |

Lab Batch ID: 3093719

QC- Sample ID: 628855-016 S

Batch #: 1 Matrix: Soil

Date Analyzed: 06/26/2019

Date Prepared: 06/26/2019

Analyst: CHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Chloride | 348 | 250 | 598 | 100 | 250 | 598 | 100 | 0 | 90-110 | 20 | |

Lab Batch ID: 3093973

QC- Sample ID: 629155-002 S

Batch #: 1 Matrix: Soil

Date Analyzed: 06/28/2019

Date Prepared: 06/28/2019

Analyst: CHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Chloride | 401 | 250 | 639 | 95 | 250 | 639 | 95 | 0 | 90-110 | 20 | |

Matrix Spike Percent Recovery $[D] = 100 \times (C-A)/B$
 Relative Percent Difference $RPD = 200 \times |(C-F)/(C+F)|$

Matrix Spike Duplicate Percent Recovery $[G] = 100 \times (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.



Form 3 - MS / MSD Recoveries

Project Name: Caballo 23 TB

Work Order #: 628855

Project ID:

Lab Batch ID: 3093973

QC- Sample ID: 629155-011 S

Batch #: 1 Matrix: Soil

Date Analyzed: 06/28/2019

Date Prepared: 06/28/2019

Analyst: CHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Chloride by EPA 300 Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Chloride | 14.8 | 250 | 277 | 105 | 250 | 277 | 105 | 0 | 90-110 | 20 | |

Lab Batch ID: 3093877

QC- Sample ID: 628855-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 06/27/2019

Date Prepared: 06/27/2019

Analyst: ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| TPH by SW8015 Mod Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------------------|-----------------------|--|-----------------------------|----------|-------------------------|---------------------------|------|
| Gasoline Range Hydrocarbons (GRO) | 9.00 | 999 | 1050 | 104 | 1000 | 968 | 96 | 8 | 70-135 | 20 | |
| Diesel Range Organics (DRO) | 9.93 | 999 | 1150 | 114 | 1000 | 1000 | 99 | 14 | 70-135 | 20 | |

Matrix Spike Percent Recovery $[D] = 100 \times (C-A)/B$
 Relative Percent Difference $RPD = 200 \times |(C-F)/(C+F)|$

Matrix Spike Duplicate Percent Recovery $[G] = 100 \times (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
 N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Claire Gonzalez

Project Name: Caballo 2) TR

Project Location: Leath LEACHMAN

Project #: Pending

Invoice to: James Kennedy (EOG)

Receiving Laboratory: Xenco

Sampler Signature: Tony Legarda

Comments:

Run dec per i f ben zane 1000. TE X exceeds 50 or Give + Dro

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | PRESERVATIVE METHOD | | | | | # CONTAINERS | FILTERED (Y/N) |
|-------------------------|-----------------------|------------|------|--------|---------------------|------|-----|------------------|-----|--------------|----------------|
| | | YEAR: 2019 | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | |

| | | | | | | | | | | | | |
|--------|----------|--|------|--|---|--|--|--|--|--|---|---|
| AH #1 | (0-1') | | 6/24 | | X | | | | | | 1 | N |
| AH #2 | (1-1.5') | | | | X | | | | | | 1 | N |
| AH #3 | (2-2.5') | | | | X | | | | | | 1 | N |
| AH #4 | (3-3.5') | | | | X | | | | | | 1 | N |
| AH #5 | (4-4.5') | | | | X | | | | | | 1 | N |
| AH #6 | (0-1') | | | | X | | | | | | 1 | N |
| AH #7 | (1-1.5') | | | | X | | | | | | 1 | N |
| AH #8 | (1-1.5') | | | | X | | | | | | 1 | N |
| AH #9 | (1-1.5') | | | | X | | | | | | 1 | N |
| AH #10 | (2-2.5') | | | | X | | | | | | 1 | N |

Relinquished by: Tony Chavez (handwritten signature)
Date: 6/24/19
Time: 14:35
Received by: (handwritten signature)
Date: 6/24/19
Time: 14:35

Relinquished by: _____
Date: _____
Time: _____

Received by: _____
Date: _____
Time: _____

ANALYSIS REQUEST (Circle or Specify Method No.)

| | |
|---|------------|
| BTEX 8021B | BTEX 8260B |
| TPH TX1005 (Ext to C35) | |
| TPH 8015M (GRO - DRO - ORO - MRO) | |
| PAH 8270C | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg | |
| TCLP Metals Ag As Ba Cd Cr Pb Se Hg | |
| TCLP Volatiles | |
| TCLP Semi Volatiles | |
| RCI | |
| GC/MS Vol. 8260B / 624 | |
| GC/MS Semi. Vol. 8270C/625 | |
| PCB's 8082 / 608 | |
| NORM | |
| PLM (Asbestos) | |
| Chloride | |
| Chloride Sulfate TDS | |
| General Water Chemistry (see attached list) | |
| Anion/Cation Balance | |
| Hold | |

LAB USE ONLY

REMARKS:

☒ STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

Sample Temperature: 4°C

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Analysis Request of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

620855

Page 2 of 3

| | | | |
|--|--|--|--|
| Client Name: EOG | | Site Manager: Clair Gonzalez | |
| Project Name: Osba 110 23 TR | | Project #: Pending | |
| Project Location: Leage NM | | Project #: | |
| Invoice to: EOG - James Kennedy | | Sampler Signature: Tony Legarda | |
| Receiving Laboratory: Xenon | | Sampler Signature: | |
| Comments: Run deeper is benzene exceeds 10, BTEX exceeds 50 or growth is greater than 1000. | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | | | # CONTAINERS | FILTERED (Y/N) | | |
|-------------------------|-----------------------|----------|------|--------|------|---------------------|------------------|-----|------|--------------|----------------|------------|---|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | | | | |
| | | | | | | | | | | | | YEAR: 2019 | |
| AH #3 | (4-4.5') | 6/24/19 | | X | | X | | X | | X | | 1 | N |
| AH #3 | (3-3.5') | | | X | | X | | X | | X | | 1 | N |
| AH #4 | (0-1') | | | X | | X | | X | | X | | 1 | N |
| AH #4 | (1-1.5') | | | X | | X | | X | | X | | 1 | N |
| AH #4 | (2-2.5') | | | X | | X | | X | | X | | 1 | N |
| AH #4 | (3-3.5') | | | X | | X | | X | | X | | 1 | N |
| AH #4 | (4-4.5') | | | X | | X | | X | | X | | 1 | N |
| AH #5 | (0-1') | | | X | | X | | X | | X | | 1 | N |
| AH #5 | (1-1.5') | | | X | | X | | X | | X | | 1 | N |
| AH #5 | (2-2.5') | | | X | | X | | X | | X | | 1 | N |

| | | | | | |
|--|----------------------|--------------------|------------------------------------|----------------------|--------------------|
| Inquired by: Antonia E. Sanchez | Date: 6/24/19 | Time: 14:35 | Received by: Clair Gonzalez | Date: 6/24/19 | Time: 14:35 |
| Inquired by: | Date: | Time: | Received by: | Date: | Time: |

| | |
|--------------|--|
| LAB USE ONLY | REMARKS: |
| 4°C | <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report |

| |
|--|
| ANALYSIS REQUEST (Circle or Specify Method No.) BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) Chloride Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance |
|--|

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

Analysis Request of Chain of Custody Record

Page 3 of 3



Tetra Tech, Inc.

 901W Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

620055

| | | | |
|-------------------------------------|--|--|--|
| Client Name: E O G | | Site Manager: Chain Gonzales | |
| Project Name: Caba 110 23TB | | Project #: Pending | |
| Project Location: Lee, Wm Leaco, nm | | Project #: Pending | |
| Invoice to: E O G - James Kennedy | | Sampler Signature: Tony Legardly | |
| Receiving Laboratory: Xenco | | Comments: Run deeper it benzene greater than 10, BTEX exceeds 10 | |
| LAB # (LAB USE ONLY) | | SAMPLE IDENTIFICATION | |
| AH #5 (3-3.5') | | DATE: 6/24/19 | |
| AH #6 (0-1') | | TIME | |
| AH #7 (1-1.5') | | WATER | |
| AH #8 (2-2.5') | | SOIL | |
| AH #9 (3-3.5') | | HCL | |
| AH #10 (4-4.5') | | HNO ₃ | |
| AH #11 (5-5.5') | | ICE | |
| AH #12 (6-6.5') | | None | |
| AH #13 (7-7.5') | | # CONTAINERS | |
| AH #14 (8-8.5') | | FILTERED (Y/N) | |
| LAB USE ONLY | | BTEX 8021B BTEX 8260B | |
| TPH TX1005 (Ext to C35) | | TPH 8015M (GRO - DRO - ORO - MRO) | |
| PAH 8270C | | Total Metals Ag As Ba Cd Cr Pb Se Hg | |
| TCLP Metals Ag As Ba Cd Cr Pb Se Hg | | TCLP Volatiles | |
| TCLP Semi Volatiles | | RCI | |
| GC/MS Vol. 8260B / 624 | | GC/MS Semi. Vol. 8270C/625 | |
| PCB's 8082 / 608 | | NORM | |
| PLM (Asbestos) | | Chloride | |
| Chloride Sulfate TDS | | General Water Chemistry (see attached list) | |
| Anion/Cation Balance | | Hold | |
| LAB USE ONLY | | REMARKS: | |
| STANDARD | | RUSH: Same Day 24 hr 48 hr 72 hr | |
| Rush Charges Authorized | | Special Report Limits or TRRP Report | |
| Sample Temperature 4°C | | LAB USE ONLY | |
| Inquired by: [Signature] | | Date: 6/24/19 Time: 14:35 | |
| Received by: [Signature] | | Date: 6/24/19 Time: 14:35 | |
| Inquired by: [Signature] | | Date: 6/24/19 Time: 14:35 | |
| Received by: [Signature] | | Date: 6/24/19 Time: 14:35 | |

ORIGINAL COPY



Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland

Date/ Time Received: 06/24/2019 02:35:00 PM

Work Order #: 628855

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : T-NM-007

Sample Receipt Checklist

Comments

| | | |
|---|-----|--------------------------|
| #1 *Temperature of cooler(s)? | 4 | |
| #2 *Shipping container in good condition? | Yes | |
| #3 *Samples received on ice? | Yes | |
| #4 *Custody Seals intact on shipping container/ cooler? | N/A | |
| #5 Custody Seals intact on sample bottles? | N/A | |
| #6 *Custody Seals Signed and dated? | N/A | |
| #7 *Chain of Custody present? | Yes | |
| #8 Any missing/extra samples? | No | |
| #9 Chain of Custody signed when relinquished/ received? | Yes | |
| #10 Chain of Custody agrees with sample labels/matrix? | Yes | |
| #11 Container label(s) legible and intact? | Yes | |
| #12 Samples in proper container/ bottle? | Yes | |
| #13 Samples properly preserved? | Yes | |
| #14 Sample container(s) intact? | Yes | |
| #15 Sufficient sample amount for indicated test(s)? | Yes | |
| #16 All samples received within hold time? | Yes | |
| #17 Subcontract of sample(s)? | Yes | Subbed to Xenco Midland. |
| #18 Water VOC samples have zero headspace? | N/A | |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Elizabeth McClellan

Date: 06/24/2019

Checklist reviewed by:

Jessica Kramer

Date: 06/27/2019



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 14, 2019

JAMES KENNEDY

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO 23

Enclosed are the results of analyses for samples received by the laboratory on 10/11/19 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|------------|---------------------|---------------|
| Received: | 10/11/2019 | Sampling Date: | 10/11/2019 |
| Reported: | 10/14/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | | | |

Sample ID: BOTTOMHOLE-16 COMP 4.5' (H903464-01)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEX | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 784 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 113 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BOTTOMHOLE-17 COMP 4.5' (H903464-02)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 768 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 41-142

Surrogate: 1-Chlorooctadecane 110 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BOTTOMHOLE-18 COMP 4.5' (H903464-03)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1360 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 41-142

Surrogate: 1-Chlorooctadecane 112 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BOTTOMHOLE-19 COMP 4.5' (H903464-04)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 736 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 41-142

Surrogate: 1-Chlorooctadecane 113 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BOTTOMHOLE-20 COMP 4.5' (H903464-05)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 752 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 111 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BOTTOMHOLE-21 COMP 4.5' (H903464-06)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1100 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BOTTOMHOLE-22 COMP 4.5' (H903464-07)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 368 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 41-142

Surrogate: 1-Chlorooctadecane 106 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SSW-1 COMP 4.5' (H903464-08)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SSW-2 COMP 4.5' (H903464-09)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1300 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 41-142

Surrogate: 1-Chlorooctadecane 112 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SSW-3 COMP 4.5' (H903464-10)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 896 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 112 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SSW-4 COMP 4.5' (H903464-11)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 100 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SSW-5 COMP 4.5' (H903464-12)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | |
| Total BTEX | <0.300 | 0.300 | 10/12/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 41-142

Surrogate: 1-Chlorooctadecane 109 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: WSW-1 COMP 4.5' (H903464-13)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEX | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | 273 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | 109 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 122 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: ESW-1 COMP 4.5' (H903464-14)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | |
| Total BTEX | <0.300 | 0.300 | 10/12/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: ESW-2 COMP 4.5' (H903464-15)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.3 % 41-142

Surrogate: 1-Chlorooctadecane 82.6 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: NSW-4 COMP 4.5' (H903464-16)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEX | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2019
 Reported: 10/14/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location:

Sampling Date: 10/11/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: NSW-5 COMP 4.5' (H903464-17)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.72 | 85.9 | 2.00 | 2.40 | | |
| Toluene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.82 | 90.8 | 2.00 | 2.70 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/12/2019 | ND | 1.78 | 89.0 | 2.00 | 0.0991 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/12/2019 | ND | 5.37 | 89.5 | 6.00 | 0.901 | | |
| Total BTEx | <0.300 | 0.300 | 10/12/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 10/14/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/11/2019 | ND | 215 | 108 | 200 | 2.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/11/2019 | ND | 211 | 106 | 200 | 1.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/11/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 41-142

Surrogate: 1-Chlorooctadecane 111 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

900 West Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Page 1 of 2

| | | | |
|---|--|------------------------------------|--|
| Client Name: EOG | | Site Manager: Mike Carmona | |
| Project Name: Caballo 23 | | Project #: | |
| Project Location: Lea County, New Mexico | | Project #: | |
| Invoice to: James Kennedy | | Sampler Signature: Devin Dominguez | |
| Receiving Laboratory: Cardinal Laboratory | | Sampler Signature: Devin Dominguez | |
| Comments: | | | |

| LAB # | LAB USE ONLY | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) |
|-------|--------------|-------------------------|------------|------|--------|------|---------------------|------------------|--------------|----------------|--|
| | | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | | |
| 1 | | Bottomhole-16 Comp 4.5' | 10/11/2019 | | X | | | | X | N | BTEX 8021B BTEX 8260B |
| 2 | | Bottomhole-17 Comp 4.5' | 10/11/2019 | | X | | | | X | N | TPH TX1005 (Ext to C35) |
| 3 | | Bottomhole-18 Comp 4.5' | 10/11/2019 | | X | | | | X | N | TPH 8015M (GRO - DRO - ORO - MRO) |
| 4 | | Bottomhole-19 Comp 4.5' | 10/11/2019 | | X | | | | X | N | PAH 8270C |
| 5 | | Bottomhole-20 Comp 4.5' | 10/11/2019 | | X | | | | X | N | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| 6 | | Bottomhole-21 Comp 4.5' | 10/11/2019 | | X | | | | X | N | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| 7 | | Bottomhole-22 Comp 4.5' | 10/11/2019 | | X | | | | X | N | TCLP Volatiles |
| 8 | | SSW-1 Comp 4.5' | 10/11/2019 | | X | | | | X | N | TCLP Semi Volatiles |
| 9 | | SSW-2 Comp 4.5' | 10/11/2019 | | X | | | | X | N | RCI |
| 10 | | SSW-3 Comp 4.5' | 10/11/2019 | | X | | | | X | N | GC/MS Vol. 8260B / 624 |

| | |
|--|---|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | (Circle) HAND DELIVERED FEDEX UPS Tracking #: |

Analysis Request of Custody Record



Tetra Tech, Inc.

900 West Mall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-----------------------|------------------------|--|--------------------|-------|-----------------|-------|---------------------|------------------|--------------|------|----------------|---|--|------------|-------------------------|------------------------------------|-----------|--------------------------------------|-------------------------------------|----------------|---------------------|-----|------------------------|----------------------------|------------------|------|----------------|----------|----------------------|---|----------------------|-----------|------|--|--|
| Client Name: | | EOG | | Site Manager: | | Mike Carmona | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: | | Caballo 23 | | Project #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: (county, state) | | Lea County, New Mexico | | Project #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Invoice to: | | James Kennedy | | Sampler Signature: | | Devin Dominguez | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Receiving Laboratory: | | Cardinal Laboratory | | Sampler Signature: | | Devin Dominguez | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAB # LAB USE ONLY H9034164 | SAMPLE IDENTIFICATION | | | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | | FILTERED (Y/N) | | ANALYSIS REQUEST (Circle or Specify Method No.) | | | | | | | | | | | | | | | | | | | | | | |
| | | | | YEAR 2019 | | WATER | SOIL | HCL | HNO ₃ | ICE | None | | | BTEX 8021B | BTEX 8260B | TPH TX1005 (Ext to C35) | TPH 8015M (GRO - DRO - ORO - MRO) | PAH 8270C | Total Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | TCLP Semi Volatiles | RCI | GC/MS Vol. 8260B / 624 | GC/MS Semi. Vol. 8270C/625 | PCB's 8082 / 608 | NORM | PLM (Asbestos) | Chloride | Chloride Sulfate TDS | General Water Chemistry (see attached list) | Anion/Cation Balance | TPH 8015R | Hold | | |
| | 11 SSW-4 Comp 4.5' | | | 10/11/2019 | | | X | | | X | | | 1 | N | X | | | | | | | | | | | | | | | | | | | | | |
| | 12 SSW-5 Comp 4.5' | | | 10/11/2019 | | | X | | | X | | | 1 | N | X | | | | | | | | | | | | | | | | | | | | | |
| | 13 WSW-1 Comp 4.5' | | | 10/11/2019 | | | X | | | X | | | 1 | N | X | | | | | | | | | | | | | | | | | | | | | |
| | 14 ESW-1 Comp 4.5' | | | 10/11/2019 | | | X | | | X | | | 1 | N | X | | | | | | | | | | | | | | | | | | | | | |
| | 15 ESW-2 Comp 4.5' | | | 10/11/2019 | | | X | | | X | | | 1 | N | X | | | | | | | | | | | | | | | | | | | | | |
| | 16 NSW-4 Comp 4.5' | | | 10/11/2019 | | | X | | | X | | | 1 | N | X | | | | | | | | | | | | | | | | | | | | | |
| | 17 NSW-5 Comp 4.5' | | | 10/11/2019 | | | X | | | X | | | 1 | N | X | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Relinquished by: | | | Date: | Time: | Received by: | Date: | Time: | LAB USE ONLY | | | | | | | | | | REMARKS: | | | | | | | | | | | | | | | | | |
| | Relinquished by: | | | Date: | Time: | Received by: | Date: | Time: | LAB USE ONLY | | | | | | | | | | REMARKS: | | | | | | | | | | | | | | | | | |
| | Relinquished by: | | | Date: | Time: | Received by: | Date: | Time: | LAB USE ONLY | | | | | | | | | | REMARKS: | | | | | | | | | | | | | | | | | |

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 15, 2019

JAMES KENNEDY

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO 23

Enclosed are the results of analyses for samples received by the laboratory on 10/14/19 13:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 10/14/2019 | Sampling Date: | 10/14/2019 |
| Reported: | 10/15/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-1 COMP 4.5' (H903484-01)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTEX | <0.300 | 0.300 | 10/14/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 416 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/14/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/14/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/14/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 41-142

Surrogate: 1-Chlorooctadecane 114 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-2 COMP 4.5' (H903484-02)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/14/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/14/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/14/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/14/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 41-142

Surrogate: 1-Chlorooctadecane 113 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-3 COMP 4.5' (H903484-03)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | | |
| Total BTEx | <0.300 | 0.300 | 10/14/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3160 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/14/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/14/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/14/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 41-142

Surrogate: 1-Chlorooctadecane 120 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-4 COMP 4.5' (H903484-04)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTEx | <0.300 | 0.300 | 10/14/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1060 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/14/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | 104 | 10.0 | 10/14/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | 37.1 | 10.0 | 10/14/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 41-142

Surrogate: 1-Chlorooctadecane 126 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-5 COMP 4.5' (H903484-05)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/14/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1280 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/14/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/14/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/14/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 41-142

Surrogate: 1-Chlorooctadecane 110 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-6 COMP 4.5' (H903484-06)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/14/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 6800 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 41-142

Surrogate: 1-Chlorooctadecane 113 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-7 COMP 4.5' (H903484-07)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | | |
| Total BTEx | <0.300 | 0.300 | 10/15/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 752 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 119 % 41-142

Surrogate: 1-Chlorooctadecane 122 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-8 COMP 4.5' (H903484-08)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | | |
| Total BTEx | <0.300 | 0.300 | 10/15/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1090 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 41-142

Surrogate: 1-Chlorooctadecane 117 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-9 COMP 4.5' (H903484-09)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/15/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1120 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | 63.1 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | 13.5 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-10 COMP 4.5' (H903484-10)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTEx | <0.300 | 0.300 | 10/15/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-11 COMP 4.5' (H903484-11)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/15/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 10/15/2019 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.3 % 41-142

Surrogate: 1-Chlorooctadecane 112 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-12 COMP 4.5' (H903484-12)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/15/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 10/15/2019 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 41-142

Surrogate: 1-Chlorooctadecane 117 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-13 COMP 4.5' (H903484-13)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/15/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 10/15/2019 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 41-142

Surrogate: 1-Chlorooctadecane 121 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-14 COMP 4.5' (H903484-14)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | | |
| Total BTEX | <0.300 | 0.300 | 10/15/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 10/15/2019 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOMHOLE-15 COMP 4.5' (H903484-15)

| BTX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTX | <0.300 | 0.300 | 10/15/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 10/15/2019 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 114 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NSW-1 COMP 4.5' (H903484-16)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.04 | 102 | 2.00 | 2.89 | |
| Toluene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.14 | 107 | 2.00 | 3.19 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/15/2019 | ND | 2.07 | 104 | 2.00 | 2.57 | |
| Total Xylenes* | <0.150 | 0.150 | 10/15/2019 | ND | 6.23 | 104 | 6.00 | 2.68 | |
| Total BTEX | <0.300 | 0.300 | 10/15/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 10/15/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 41-142

Surrogate: 1-Chlorooctadecane 112 % 37.6-147

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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NSW-2 COMP 4.5' (H903484-17)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 1.91 | 95.5 | 2.00 | 1.84 | | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 1.95 | 97.7 | 2.00 | 2.67 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 1.94 | 97.1 | 2.00 | 2.36 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 5.84 | 97.3 | 6.00 | 2.20 | | |
| Total BTEx | <0.300 | 0.300 | 10/14/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 10/15/2019 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 41-142

Surrogate: 1-Chlorooctadecane 118 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 JAMES KENNEDY
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/14/2019
 Reported: 10/15/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 10/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NSW-3 COMP 4.5' (H903484-18)

| BTEx 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 10/14/2019 | ND | 1.91 | 95.5 | 2.00 | 1.84 | | |
| Toluene* | <0.050 | 0.050 | 10/14/2019 | ND | 1.95 | 97.7 | 2.00 | 2.67 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2019 | ND | 1.94 | 97.1 | 2.00 | 2.36 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2019 | ND | 5.84 | 97.3 | 6.00 | 2.20 | | |
| Total BTEx | <0.300 | 0.300 | 10/14/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 10/15/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/15/2019 | ND | 212 | 106 | 200 | 1.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/15/2019 | ND | 214 | 107 | 200 | 1.46 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/15/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 114 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record



Tetra Tech, Inc.

 900 West Wall Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-3946

| | | | |
|---|--|------------------------------------|--|
| Client Name: EOG | | Site Manager: Mike Carmona | |
| Project Name: Caballo 23 | | Project #: | |
| Project Location: Lea County, New Mexico (county, state) | | Project #: | |
| Invoice to: James Kennedy | | Sampler Signature: Devin Dominguez | |
| Receiving Laboratory: Cardinal Laboratory | | Comments: | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) | |
|-------------------------|-------------------------|------------|------|--------|------|---------------------|------------------|-----|------|--------------|----------------|--|------------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | | | | |
| | | | | | | | | | | | | | YEAR: 2019 |
| 1 | Bottomhole-1 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 2 | Bottomhole-2 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 3 | Bottomhole-3 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 4 | Bottomhole-4 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 5 | Bottomhole-5 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 6 | Bottomhole-6 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 7 | Bottomhole-7 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 8 | Bottomhole-8 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 9 | Bottomhole-9 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |
| 10 | Bottomhole-10 Comp 4.5' | 10/14/2019 | | X | | | | X | | | 1 | N | X |

| | | | | | |
|-------------------------------------|----------------|------------|---------------------------------|----------------|-------------|
| Relinquished by: <i>[Signature]</i> | Date: 10/14/19 | Time: 1335 | Received by: <i>[Signature]</i> | Date: 10/14/19 | Time: 13:35 |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |

| | |
|--|--|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | Sample Temperature 39.2 #47 4.3 C Conducted |

ORIGINAL COPY

Analysis Request of Custody Record



Tetra Tech, Inc.

 900 West Wall Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-3946

| | | | |
|--------------------------------------|------------------------|--------------------|-----------------|
| Client Name: | EOG | Site Manager: | Mike Carmona |
| Project Name: | Caballo 23 | | |
| Project Location: (county, state) | Lea County, New Mexico | Project #: | |
| Invoice to: | James Kennedy | | |
| Receiving Laboratory: | Cardinal Laboratory | Sampler Signature: | Devin Dominguez |
| Comments: | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) | | |
|-------------------------|-------------------------|------------|------|--------|------|---------------------|------------------|--------------|----------------|-----|------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | | ICE | None |
| | | | | | | | | | | | |
| 11 | Bottomhole-11 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |
| 12 | Bottomhole-12 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |
| 13 | Bottomhole-13 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |
| 14 | Bottomhole-14 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |
| 15 | Bottomhole-15 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |
| 16 | NSW-1 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |
| 17 | NSW-2 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |
| 18 | NSW-3 Comp 4.5' | 10/14/2019 | | X | | | | X | N | | |

| LAB USE ONLY | | REMARKS: | |
|--------------------|------|--|--|
| Sample Temperature | ONLY | STANDARD | |
| 3.9°C #97 | | <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr | |
| 4.3°C | | <input type="checkbox"/> Rush Charges Authorized | |
| | | <input type="checkbox"/> Special Report Limits or TRRP Report | |

 ANALYSIS REQUEST
 (Circle or Specify Method No.)

ORIGINAL COPY



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 06, 2019

MIKE CARMONA

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO 23

Enclosed are the results of analyses for samples received by the laboratory on 11/05/19 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-23 COMP 1.5' (H903762-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | |
| Total BTEX | <0.300 | 0.300 | 11/05/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 76.5 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-24 COMP 1.5' (H903762-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 768 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 109 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 28.1 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 41-142

Surrogate: 1-Chlorooctadecane 127 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-25 COMP 1.5' (H903762-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 592 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 779 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 415 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 41-142

Surrogate: 1-Chlorooctadecane 138 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-26 COMP 1.5' (H903762-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2800 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 2590 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 1080 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 190 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-27 COMP 1.5' (H903762-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 848 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 214 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 86.6 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 41-142

Surrogate: 1-Chlorooctadecane 133 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-28 COMP 1.5' (H903762-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 84.0 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5520 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 3870 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 1470 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 72.8 % 41-142

Surrogate: 1-Chlorooctadecane 183 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-29 COMP 1.5' (H903762-07)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 82.0 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 432 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 534 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 318 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 140 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-30 COMP 1.5' (H903762-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3040 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 948 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 343 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.7 % 41-142

Surrogate: 1-Chlorooctadecane 136 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-31 COMP 1.5' (H903762-09)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4240 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | mg/kg | | Analyzed By: CK | | | | | S-04 | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 2310 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 996 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 176 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-32 COMP 1.5' (H903762-10)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1620 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 3150 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 1300 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 41-142

Surrogate: 1-Chlorooctadecane 181 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|--------------------|---------------------|----------------|
| Received: | 11/05/2019 | Sampling Date: | 11/05/2019 |
| Reported: | 11/06/2019 | Sampling Type: | Soil |
| Project Name: | CABALLO 23 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BOTTOMHOLE-33 COMP 1.5' (H903762-11)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4400 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | mg/kg | | Analyzed By: CK | | | | | S-04 | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 1820 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 666 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 160 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 11/05/2019
 Reported: 11/06/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 11/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NSW-6 COMP 1.5' (H903762-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEx | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 82.0 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 10000 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 113 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 51.1 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 120 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 11/05/2019
 Reported: 11/06/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 11/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WSW-2 COMP 1.5' (H903762-13)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTX | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 86.3 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3680 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 4140 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 1400 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.9 % 41-142

Surrogate: 1-Chlorooctadecane 211 % 37.6-147

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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 11/05/2019
 Reported: 11/06/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 11/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: ESW-3 COMP 1.5' (H903762-14)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/05/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/05/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/05/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEX | <0.300 | 0.300 | 11/05/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 75.4 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 9000 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 3.77 | QM-07 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 2340 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 896 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 41-142

Surrogate: 1-Chlorooctadecane 167 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 MIKE CARMONA
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 11/05/2019
 Reported: 11/06/2019
 Project Name: CABALLO 23
 Project Number: NONE GIVEN
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 11/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SSW-6 COMP 1.5' (H903762-15)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/06/2019 | ND | 2.00 | 100 | 2.00 | 2.64 | | |
| Toluene* | <0.050 | 0.050 | 11/06/2019 | ND | 1.79 | 89.3 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/06/2019 | ND | 1.81 | 90.5 | 2.00 | 0.667 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/06/2019 | ND | 5.48 | 91.3 | 6.00 | 1.42 | | |
| Total BTEX | <0.300 | 0.300 | 11/06/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 82.5 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4400 | 16.0 | 11/06/2019 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/06/2019 | ND | 210 | 105 | 200 | 1.75 | |
| DRO >C10-C28* | 321 | 10.0 | 11/06/2019 | ND | 211 | 106 | 200 | 0.788 | |
| EXT DRO >C28-C36 | 145 | 10.0 | 11/06/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 136 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|-------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



900 West Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Page 1 of 2

ANALYSIS REQUEST

(Circle or Specify Method No.)

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

900 West Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Page 2 of 2

[illegible]

ORIGINAL COPY

ANALYSIS REQUEST
(Circle or Specify Method No.)



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2941-1

Laboratory Sample Delivery Group: Lea County, NM
Client Project/Site: Caballo Section 23 TB

For:

Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

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

Authorized for release by:
6/15/2021 4:10:30 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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

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

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Laboratory Job ID: 880-2941-1
SDG: Lea County, NM

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, 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 |
|-----------|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| 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 |

Eurofins Xenco, Midland

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Job ID: 880-2941-1

Laboratory: Eurofins Xenco, Midland

Narrative

**Job Narrative
880-2941-1****Receipt**

The samples were received on 6/10/2021 12:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.6°C

GC VOA

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: AH-6 (1'-1.5') (880-2941-27). The sample(s) shows evidence of matrix interference.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3975 and analytical batch 880-3977 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

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: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: H-1 (0"-6")

Lab Sample ID: 880-2941-1

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U F1 | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:52 | 1 |
| Toluene | <0.00199 | U F1 | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:52 | 1 |
| Ethylbenzene | <0.00199 | U F2 F1 | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:52 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U F2 F1 | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:52 | 1 |
| o-Xylene | <0.00199 | U F1 | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:52 | 1 |
| Xylenes, Total | <0.00398 | U F2 F1 | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:52 | 1 |
| Total BTEX | <0.00398 | U F2 F1 | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:52 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 16:52 | 1 |
| 1,4-Difluorobenzene (Surr) | 111 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 16:52 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 15:01 | 1 |
| Diesel Range Organics (Over C10-C28) | 1690 | | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 15:01 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 15:01 | 1 |
| Total TPH | 1690 | | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 15:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 90 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 15:01 | 1 |
| o-Terphenyl | 78 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 15:01 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 119 | | 5.05 | | mg/Kg | | | 06/15/21 11:48 | 1 |

Client Sample ID: H-2 (0"-6")

Lab Sample ID: 880-2941-2

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:12 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:12 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:12 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:12 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:12 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:12 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:12 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 17:12 | 1 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 17:12 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 16:04 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: H-2 (0"-6")

Lab Sample ID: 880-2941-2

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:04 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:04 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:04 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 91 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 16:04 | 1 |
| o-Terphenyl | 83 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 16:04 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 30.3 | | 5.02 | | mg/Kg | | | 06/15/21 12:05 | 1 |

Client Sample ID: H-3 (0"-6")

Lab Sample ID: 880-2941-3

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 17:33 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 16:24 | 1 |
| Diesel Range Organics (Over C10-C28) | 293 | | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:24 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:24 | 1 |
| Total TPH | 293 | | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:24 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 16:24 | 1 |
| o-Terphenyl | 78 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 16:24 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 201 | | 5.03 | | mg/Kg | | | 06/15/21 12:10 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: H-4 (0"-6")

Lab Sample ID: 880-2941-4

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:53 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:53 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:53 | 1 |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 17:53 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 17:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 17:53 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 16:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:45 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:45 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 16:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 86 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 16:45 | 1 |
| o-Terphenyl | 75 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 16:45 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 17.3 | | 5.01 | | mg/Kg | | | 06/15/21 12:16 | 1 |

Client Sample ID: H-5 (0"-6")

Lab Sample ID: 880-2941-5

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:13 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:13 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:13 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:13 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:13 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:13 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 18:13 | 1 |
| 1,4-Difluorobenzene (Surr) | 118 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 18:13 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 17:06 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: H-5 (0"-6")

Lab Sample ID: 880-2941-5

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | 622 | | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:06 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:06 | 1 |
| Total TPH | 622 | | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:06 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 91 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 17:06 | 1 |
| o-Terphenyl | 79 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 17:06 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 58.2 | | 4.99 | | mg/Kg | | | 06/15/21 12:21 | 1 |

Client Sample ID: H-6 (0"-6")

Lab Sample ID: 880-2941-6

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 18:34 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 17:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:27 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:27 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 17:27 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 17:27 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 116 | | 4.99 | | mg/Kg | | | 06/15/21 12:38 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-1 (0'-1')

Lab Sample ID: 880-2941-7

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:54 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:54 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:54 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:54 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:54 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:54 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 18:54 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 18:54 | 1 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 18:54 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 17:48 | 1 |
| Diesel Range Organics (Over C10-C28) | 96.8 | | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:48 | 1 |
| Total TPH | 96.8 | | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 17:48 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 87 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 17:48 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 17:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 404 | | 4.96 | | mg/Kg | | | 06/15/21 12:43 | 1 |

Client Sample ID: AH-1 (1'-1.5')

Lab Sample ID: 880-2941-8

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:15 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:15 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:15 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:15 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:15 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:15 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:15 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 19:15 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 19:15 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 18:09 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-1 (1'-1.5')

Lab Sample ID: 880-2941-8

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:09 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:09 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 18:09 | 1 |
| o-Terphenyl | 76 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 18:09 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 295 | | 4.97 | | mg/Kg | | | 06/15/21 12:49 | 1 |

Client Sample ID: AH-1 (2'-2.5')

Lab Sample ID: 880-2941-9

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |
| 1,4-Difluorobenzene (Surr) | 116 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 19:35 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 18:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:30 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:30 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 86 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 18:30 | 1 |
| o-Terphenyl | 76 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 18:30 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 130 | | 5.00 | | mg/Kg | | | 06/15/21 12:54 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-1 (3'-3.5')

Lab Sample ID: 880-2941-10

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:55 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:55 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:55 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:55 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:55 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:55 | 1 |
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 19:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 19:55 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 19:55 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 18:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:51 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:51 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 18:51 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 89 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 18:51 | 1 |
| o-Terphenyl | 81 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 18:51 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 50.0 | | 5.00 | | mg/Kg | | | 06/15/21 13:00 | 1 |

Client Sample ID: AH-2 (1'-1.5')

Lab Sample ID: 880-2941-11

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:17 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:17 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:17 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:17 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:17 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:17 | 1 |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:17 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 21:17 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 21:17 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 19:33 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-2 (1'-1.5')

Lab Sample ID: 880-2941-11

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 19:33 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 19:33 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 19:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 19:33 | 1 |
| o-Terphenyl | 81 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 19:33 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 1410 | | 24.8 | | mg/Kg | | | 06/15/21 13:05 | 5 |

Client Sample ID: AH-2 (2'-2.5')

Lab Sample ID: 880-2941-12

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 21:38 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 19:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 19:54 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 19:54 | 1 |
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 19:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 86 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 19:54 | 1 |
| o-Terphenyl | 79 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 19:54 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 574 | | 5.02 | | mg/Kg | | | 06/15/21 13:21 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-2 (3'-3.5')

Lab Sample ID: 880-2941-13

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:58 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:58 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:58 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:58 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:58 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:58 | 1 |
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 21:58 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 21:58 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 21:58 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 20:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:15 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:15 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:15 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 86 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 20:15 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 20:15 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 390 | | 5.05 | | mg/Kg | | | 06/15/21 13:27 | 1 |

Client Sample ID: AH-3 (0'-1')

Lab Sample ID: 880-2941-14

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:19 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:19 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:19 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:19 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:19 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:19 | 1 |
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:19 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 22:19 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 22:19 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:36 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-3 (0'-1')

Lab Sample ID: 880-2941-14

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | 240 | | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:36 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:36 | 1 |
| Total TPH | 240 | | 49.7 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 20:36 | 1 |
| o-Terphenyl | 78 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 20:36 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 83.1 | | 5.04 | | mg/Kg | | | 06/15/21 13:43 | 1 |

Client Sample ID: AH-3 (1'-1.5')

Lab Sample ID: 880-2941-15

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 22:39 | 1 |

Method: 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 | | 06/10/21 13:53 | 06/13/21 20:57 | 1 |
| Diesel Range Organics (Over C10-C28) | 159 | | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:57 | 1 |
| Total TPH | 159 | | 49.8 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 20:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 86 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 20:57 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | | | | 06/10/21 13:53 | 06/13/21 20:57 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 85.5 | | 5.04 | | mg/Kg | | | 06/15/21 13:49 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-3 (2'-2.5')

Lab Sample ID: 880-2941-16

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:59 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:59 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:59 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:59 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:59 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:59 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 22:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 22:59 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 22:59 | 1 |

Method: 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 | | 06/10/21 13:54 | 06/13/21 21:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:18 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:18 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 88 | | 70 - 130 | 06/10/21 13:54 | 06/13/21 21:18 | 1 |
| o-Terphenyl | 79 | | 70 - 130 | 06/10/21 13:54 | 06/13/21 21:18 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 102 | | 4.97 | | mg/Kg | | | 06/15/21 13:54 | 1 |

Client Sample ID: AH-3 (3'-3.5')

Lab Sample ID: 880-2941-17

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:20 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:20 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:20 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:20 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:20 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:20 | 1 |
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 23:20 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 23:20 | 1 |

Method: 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 | | 06/10/21 13:54 | 06/13/21 21:39 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-3 (3'-3.5')

Lab Sample ID: 880-2941-17

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:39 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:39 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 93 | | 70 - 130 | | | | 06/10/21 13:54 | 06/13/21 21:39 | 1 |
| o-Terphenyl | 85 | | 70 - 130 | | | | 06/10/21 13:54 | 06/13/21 21:39 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 115 | | 4.96 | | mg/Kg | | | 06/15/21 14:00 | 1 |

Client Sample ID: AH-4 (0'-1')

Lab Sample ID: 880-2941-18

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 06/10/21 13:00 | 06/10/21 23:40 | 1 |

Method: 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 | | 06/10/21 13:54 | 06/13/21 21:59 | 1 |
| Diesel Range Organics (Over C10-C28) | 530 | | 49.9 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:59 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:59 | 1 |
| Total TPH | 530 | | 49.9 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 21:59 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 89 | | 70 - 130 | | | | 06/10/21 13:54 | 06/13/21 21:59 | 1 |
| o-Terphenyl | 78 | | 70 - 130 | | | | 06/10/21 13:54 | 06/13/21 21:59 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 291 | | 4.97 | | mg/Kg | | | 06/15/21 14:05 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-4 (1'-1.5')

Lab Sample ID: 880-2941-19

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:01 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:01 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:01 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:01 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:01 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:01 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | 06/10/21 13:00 | 06/11/21 00:01 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 06/10/21 13:00 | 06/11/21 00:01 | 1 |

Method: 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 | | 06/10/21 13:54 | 06/13/21 22:20 | 1 |
| Diesel Range Organics (Over C10-C28) | 731 | | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 22:20 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 22:20 | 1 |
| Total TPH | 731 | | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 22:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 89 | | 70 - 130 | 06/10/21 13:54 | 06/13/21 22:20 | 1 |
| o-Terphenyl | 78 | | 70 - 130 | 06/10/21 13:54 | 06/13/21 22:20 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 376 | | 4.98 | | mg/Kg | | | 06/15/21 14:11 | 1 |

Client Sample ID: AH-4 (2'-2.5')

Lab Sample ID: 880-2941-20

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:21 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:21 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:00 | 06/11/21 00:21 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | 06/10/21 13:00 | 06/11/21 00:21 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 06/10/21 13:00 | 06/11/21 00:21 | 1 |

Method: 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 | | 06/10/21 13:54 | 06/13/21 22:41 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-4 (2'-2.5')

Lab Sample ID: 880-2941-20

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | 113 | | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 22:41 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 22:41 | 1 |
| Total TPH | 113 | | 50.0 | | mg/Kg | | 06/10/21 13:54 | 06/13/21 22:41 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 86 | | 70 - 130 | | | | 06/10/21 13:54 | 06/13/21 22:41 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | | | | 06/10/21 13:54 | 06/13/21 22:41 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 143 | | 5.00 | | mg/Kg | | | 06/15/21 14:16 | 1 |

Client Sample ID: AH-5 (0'-1')

Lab Sample ID: 880-2941-21

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| Toluene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| Ethylbenzene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U F1 | 0.00399 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| o-Xylene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| Xylenes, Total | <0.00399 | U F1 | 0.00399 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| Total BTEX | <0.00399 | U F1 | 0.00399 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 17:12 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 15:01 | 1 |
| Diesel Range Organics (Over C10-C28) | 5280 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 15:01 | 1 |
| Oil Range Organics (Over C28-C36) | 898 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 15:01 | 1 |
| Total TPH | 6180 | F1 | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 15:01 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 117 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 15:01 | 1 |
| o-Terphenyl | 90 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 15:01 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 6810 | F1 | 50.1 | | mg/Kg | | | 06/11/21 15:31 | 10 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-5 (1'-1.5')

Lab Sample ID: 880-2941-22

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:37 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:37 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:37 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:37 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:37 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:37 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 17:37 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 17:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 17:37 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 16:04 | 1 |
| Diesel Range Organics (Over C10-C28) | 1310 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:04 | 1 |
| Oil Range Organics (Over C28-C36) | 187 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:04 | 1 |
| Total TPH | 1500 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 106 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 16:04 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 16:04 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3650 | | 25.2 | | mg/Kg | | | 06/11/21 15:45 | 5 |

Client Sample ID: AH-5 (2'-2.5')

Lab Sample ID: 880-2941-23

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:02 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:02 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:02 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:02 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:02 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:02 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:02 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 18:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 18:02 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 16:24 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-5 (2'-2.5')

Lab Sample ID: 880-2941-23

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | 59.8 | | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:24 | 1 |
| Oil Range Organics (Over C28-C36) | 105 | | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:24 | 1 |
| Total TPH | 165 | | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:24 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 109 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 16:24 | 1 |
| o-Terphenyl | 108 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 16:24 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3540 | | 24.9 | | mg/Kg | | | 06/11/21 15:50 | 5 |

Client Sample ID: AH-5 (3'-3.5')

Lab Sample ID: 880-2941-24

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:28 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:28 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:28 | 1 |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:28 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 18:28 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 18:28 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 16:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:45 | 1 |
| Oil Range Organics (Over C28-C36) | 73.1 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:45 | 1 |
| Total TPH | 73.1 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 16:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 120 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 16:45 | 1 |
| o-Terphenyl | 116 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 16:45 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3490 | | 25.1 | | mg/Kg | | | 06/11/21 15:55 | 5 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-5 (4'-4.5")

Lab Sample ID: 880-2941-25

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:53 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:53 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:53 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:53 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:53 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:53 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 18:53 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 18:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 18:53 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 17:06 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:06 | 1 |
| Oil Range Organics (Over C28-C36) | 57.4 | | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:06 | 1 |
| Total TPH | 57.4 | | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 113 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 17:06 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 17:06 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3860 | | 25.3 | | mg/Kg | | | 06/11/21 16:00 | 5 |

Client Sample ID: AH-6 (0'-1')

Lab Sample ID: 880-2941-26

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:18 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:18 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:18 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:18 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:18 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:18 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 19:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 19:18 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 17:27 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-6 (0'-1')

Lab Sample ID: 880-2941-26

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | 205 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:27 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:27 | 1 |
| Total TPH | 205 | | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 113 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 17:27 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 17:27 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 705 | | 4.95 | | mg/Kg | | | 06/11/21 16:15 | 1 |

Client Sample ID: AH-6 (1'-1.5')

Lab Sample ID: 880-2941-27

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 84 | | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |
| 1,4-Difluorobenzene (Surr) | 88 | | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 19:43 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 17:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:48 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 17:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 17:48 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 17:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 576 | | 4.97 | | mg/Kg | | | 06/11/21 16:20 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-6 (2'-2.5')

Lab Sample ID: 880-2941-28

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:08 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:08 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:08 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:08 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:08 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:08 | 1 |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 20:08 | 1 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 20:08 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 18:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:09 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:09 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 113 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 18:09 | 1 |
| o-Terphenyl | 107 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 18:09 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 492 | | 5.04 | | mg/Kg | | | 06/11/21 16:25 | 1 |

Client Sample ID: AH-6 (3'-3.5')

Lab Sample ID: 880-2941-29

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:33 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:33 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:33 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:33 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:33 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:33 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:33 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 20:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 20:33 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 18:30 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-6 (3'-3.5')

Lab Sample ID: 880-2941-29

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:30 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:30 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 115 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 18:30 | 1 |
| o-Terphenyl | 111 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 18:30 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 489 | | 5.01 | | mg/Kg | | | 06/11/21 16:30 | 1 |

Client Sample ID: AH-2 (0'-1')

Lab Sample ID: 880-2941-30

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 20:58 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 18:51 | 1 |
| Diesel Range Organics (Over C10-C28) | 131 | | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:51 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:51 | 1 |
| Total TPH | 131 | | 49.9 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 18:51 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 99 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 18:51 | 1 |
| o-Terphenyl | 98 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 18:51 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 2110 | | 25.0 | | mg/Kg | | | 06/11/21 16:35 | 5 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-7 (0'-1')

Lab Sample ID: 880-2941-31

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 22:39 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 22:39 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 22:39 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 22:39 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 22:39 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 22:39 | 1 |
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 22:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 22:39 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 22:39 | 1 |

Method: 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 | | 06/10/21 14:13 | 06/13/21 19:33 | 1 |
| Diesel Range Organics (Over C10-C28) | 243 | | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 19:33 | 1 |
| Oil Range Organics (Over C28-C36) | 63.1 | | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 19:33 | 1 |
| Total TPH | 306 | | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 19:33 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 111 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 19:33 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 19:33 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 2350 | | 25.0 | | mg/Kg | | | 06/11/21 16:39 | 5 |

Client Sample ID: AH-7 (1'-1.5')

Lab Sample ID: 880-2941-32

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 23:04 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 23:04 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 23:04 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 23:04 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 23:04 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 23:04 | 1 |
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 23:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 23:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 06/10/21 13:04 | 06/10/21 23:04 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 19:54 | 1 |

Eurofins Xenco, Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-7 (1'-1.5')

Lab Sample ID: 880-2941-32

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | 124 | | 49.7 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 19:54 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 19:54 | 1 |
| Total TPH | 124 | | 49.7 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 19:54 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 119 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 19:54 | 1 |
| o-Terphenyl | 112 | | 70 - 130 | 06/10/21 14:13 | 06/13/21 19:54 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 973 | | 24.8 | | mg/Kg | | | 06/11/21 16:54 | 5 |

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, 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) |
| 880-2941-1 | H-1 (0'-6") | 107 | 111 |
| 880-2941-1 MS | H-1 (0'-6") | 112 | 110 |
| 880-2941-1 MSD | H-1 (0'-6") | 105 | 111 |
| 880-2941-2 | H-2 (0'-6") | 104 | 105 |
| 880-2941-3 | H-3 (0'-6") | 103 | 104 |
| 880-2941-4 | H-4 (0'-6") | 102 | 102 |
| 880-2941-5 | H-5 (0'-6") | 108 | 118 |
| 880-2941-6 | H-6 (0'-6") | 119 | 104 |
| 880-2941-7 | AH-1 (0'-1') | 113 | 103 |
| 880-2941-8 | AH-1 (1'-1.5') | 106 | 104 |
| 880-2941-9 | AH-1 (2'-2.5') | 118 | 116 |
| 880-2941-10 | AH-1 (3'-3.5') | 103 | 102 |
| 880-2941-11 | AH-2 (1'-1.5') | 111 | 99 |
| 880-2941-12 | AH-2 (2'-2.5') | 108 | 97 |
| 880-2941-13 | AH-2 (3'-3.5') | 111 | 97 |
| 880-2941-14 | AH-3 (0'-1') | 107 | 98 |
| 880-2941-15 | AH-3 (1'-1.5') | 109 | 92 |
| 880-2941-16 | AH-3 (2'-2.5') | 97 | 100 |
| 880-2941-17 | AH-3 (3'-3.5') | 102 | 97 |
| 880-2941-18 | AH-4 (0'-1') | 97 | 99 |
| 880-2941-19 | AH-4 (1'-1.5') | 99 | 97 |
| 880-2941-20 | AH-4 (2'-2.5') | 109 | 98 |
| 880-2941-21 | AH-5 (0'-1') | 108 | 78 |
| 880-2941-21 MS | AH-5 (0'-1') | 103 | 91 |
| 880-2941-21 MSD | AH-5 (0'-1') | 106 | 85 |
| 880-2941-22 | AH-5 (1'-1.5') | 117 | 91 |
| 880-2941-23 | AH-5 (2'-2.5') | 101 | 96 |
| 880-2941-24 | AH-5 (3'-3.5') | 100 | 97 |
| 880-2941-25 | AH-5 (4'-4.5") | 99 | 102 |
| 880-2941-26 | AH-6 (0'-1') | 101 | 101 |
| 880-2941-27 | AH-6 (1'-1.5') | 84 | 88 |
| 880-2941-28 | AH-6 (2'-2.5') | 102 | 103 |
| 880-2941-29 | AH-6 (3'-3.5') | 104 | 104 |
| 880-2941-30 | AH-2 (0'-1') | 95 | 99 |
| 880-2941-31 | AH-7 (0'-1') | 110 | 90 |
| 880-2941-32 | AH-7 (1'-1.5') | 100 | 98 |
| LCS 880-3959/1-A | Lab Control Sample | 107 | 107 |
| LCS 880-3975/1-A | Lab Control Sample | 90 | 103 |
| LCSD 880-3959/2-A | Lab Control Sample Dup | 109 | 107 |
| LCSD 880-3975/2-A | Lab Control Sample Dup | 93 | 103 |
| MB 880-3959/5-A | Method Blank | 98 | 95 |
| MB 880-3975/5-A | Method Blank | 66 S1- | 82 |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Xenco, Midland

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-2941-1

Project/Site: Caballo Section 23 TB

SDG: Lea County, 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) |
| 880-2941-1 | H-1 (0"-6") | 90 | 78 |
| 880-2941-1 MS | H-1 (0"-6") | 95 | 73 |
| 880-2941-1 MSD | H-1 (0"-6") | 94 | 74 |
| 880-2941-2 | H-2 (0"-6") | 91 | 83 |
| 880-2941-3 | H-3 (0"-6") | 87 | 78 |
| 880-2941-4 | H-4 (0"-6") | 86 | 75 |
| 880-2941-5 | H-5 (0"-6") | 91 | 79 |
| 880-2941-6 | H-6 (0"-6") | 87 | 77 |
| 880-2941-7 | AH-1 (0'-1') | 87 | 77 |
| 880-2941-8 | AH-1 (1'-1.5') | 87 | 76 |
| 880-2941-9 | AH-1 (2'-2.5') | 86 | 76 |
| 880-2941-10 | AH-1 (3'-3.5') | 89 | 81 |
| 880-2941-11 | AH-2 (1'-1.5') | 87 | 81 |
| 880-2941-12 | AH-2 (2'-2.5') | 86 | 79 |
| 880-2941-13 | AH-2 (3'-3.5') | 86 | 77 |
| 880-2941-14 | AH-3 (0'-1') | 87 | 78 |
| 880-2941-15 | AH-3 (1'-1.5') | 86 | 77 |
| 880-2941-16 | AH-3 (2'-2.5') | 88 | 79 |
| 880-2941-17 | AH-3 (3'-3.5') | 93 | 85 |
| 880-2941-18 | AH-4 (0'-1') | 89 | 78 |
| 880-2941-19 | AH-4 (1'-1.5') | 89 | 78 |
| 880-2941-20 | AH-4 (2'-2.5') | 86 | 77 |
| 880-2941-21 | AH-5 (0'-1') | 117 | 90 |
| 880-2941-21 MS | AH-5 (0'-1') | 103 | 79 |
| 880-2941-21 MSD | AH-5 (0'-1') | 107 | 81 |
| 880-2941-22 | AH-5 (1'-1.5') | 106 | 106 |
| 880-2941-23 | AH-5 (2'-2.5') | 109 | 108 |
| 880-2941-24 | AH-5 (3'-3.5') | 120 | 116 |
| 880-2941-25 | AH-5 (4'-4.5") | 113 | 106 |
| 880-2941-26 | AH-6 (0'-1') | 113 | 105 |
| 880-2941-27 | AH-6 (1'-1.5') | 97 | 99 |
| 880-2941-28 | AH-6 (2'-2.5') | 113 | 107 |
| 880-2941-29 | AH-6 (3'-3.5') | 115 | 111 |
| 880-2941-30 | AH-2 (0'-1') | 99 | 98 |
| 880-2941-31 | AH-7 (0'-1') | 111 | 105 |
| 880-2941-32 | AH-7 (1'-1.5') | 119 | 112 |
| LCS 880-3984/2-A | Lab Control Sample | 86 | 77 |
| LCS 880-3985/2-A | Lab Control Sample | 84 | 82 |
| LCS 880-4077/2-A | Lab Control Sample | 85 | 71 |
| LCSD 880-3984/3-A | Lab Control Sample Dup | 92 | 73 |
| LCSD 880-3985/3-A | Lab Control Sample Dup | 90 | 83 |
| LCSD 880-4077/3-A | Lab Control Sample Dup | 87 | 74 |
| MB 880-3984/1-A | Method Blank | 93 | 85 |
| MB 880-3985/1-A | Method Blank | 98 | 103 |
| MB 880-4077/1-A | Method Blank | 89 | 83 |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3959/5-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3959

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:30 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:30 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:30 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:00 | 06/10/21 16:30 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 16:30 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 06/10/21 13:00 | 06/10/21 16:30 | 1 |

Lab Sample ID: LCS 880-3959/1-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3959

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|-------------|------------|---------------|-------|---|------|--------------|
| Benzene | 0.100 | 0.1010 | | mg/Kg | | 101 | 70 - 130 |
| Toluene | 0.100 | 0.09317 | | mg/Kg | | 93 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09238 | | mg/Kg | | 92 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1973 | | mg/Kg | | 99 | 70 - 130 |
| o-Xylene | 0.100 | 0.09676 | | mg/Kg | | 97 | 70 - 130 |

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

Lab Sample ID: LCSD 880-3959/2-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3959

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-------|
| Benzene | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 | 3 | 35 |
| Toluene | 0.100 | 0.09638 | | mg/Kg | | 96 | 70 - 130 | 3 | 35 |
| Ethylbenzene | 0.100 | 0.09624 | | mg/Kg | | 96 | 70 - 130 | 4 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2072 | | mg/Kg | | 104 | 70 - 130 | 5 | 35 |
| o-Xylene | 0.100 | 0.1083 | | mg/Kg | | 108 | 70 - 130 | 11 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 |

Lab Sample ID: 880-2941-1 MS

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: H-1 (0"-6")

Prep Type: Total/NA

Prep Batch: 3959

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Benzene | <0.00199 | U F1 | 0.0996 | 0.06180 | F1 | mg/Kg | | 62 | 70 - 130 |

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

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

Lab Sample ID: 880-2941-1 MS

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: H-1 (0"-6")

Prep Type: Total/NA

Prep Batch: 3959

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Toluene | <0.00199 | U F1 | 0.0996 | 0.03898 | F1 | mg/Kg | | 39 | 70 - 130 |
| Ethylbenzene | <0.00199 | U F2 F1 | 0.0996 | 0.02665 | F1 | mg/Kg | | 27 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U F2 F1 | 0.199 | 0.05536 | F1 | mg/Kg | | 28 | 70 - 130 |
| o-Xylene | <0.00199 | U F1 | 0.0996 | 0.03182 | F1 | mg/Kg | | 32 | 70 - 130 |
| Surrogate | MS %Recovery | MS Qualifier | Limits | | | | | | |
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 | | | | | | |
| 1,4-Difluorobenzene (Surr) | 110 | | 70 - 130 | | | | | | |

Lab Sample ID: 880-2941-1 MSD

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: H-1 (0"-6")

Prep Type: Total/NA

Prep Batch: 3959

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Benzene | <0.00199 | U F1 | 0.0992 | 0.07327 | | mg/Kg | | 74 | 70 - 130 | 17 | 35 |
| Toluene | <0.00199 | U F1 | 0.0992 | 0.05150 | F1 | mg/Kg | | 52 | 70 - 130 | 28 | 35 |
| Ethylbenzene | <0.00199 | U F2 F1 | 0.0992 | 0.03886 | F2 F1 | mg/Kg | | 39 | 70 - 130 | 37 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U F2 F1 | 0.198 | 0.08115 | F2 F1 | mg/Kg | | 41 | 70 - 130 | 38 | 35 |
| o-Xylene | <0.00199 | U F1 | 0.0992 | 0.04400 | F1 | mg/Kg | | 44 | 70 - 130 | 32 | 35 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 111 | | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-3975/5-A

Matrix: Solid

Analysis Batch: 3977

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3975

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 66 | S1- | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |
| 1,4-Difluorobenzene (Surr) | 82 | | 70 - 130 | | | | 06/10/21 13:04 | 06/10/21 16:47 | 1 |

Lab Sample ID: LCS 880-3975/1-A

Matrix: Solid

Analysis Batch: 3977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3975

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------|-------------|------------|---------------|-------|---|------|--------------|
| Benzene | 0.100 | 0.09431 | | mg/Kg | | 94 | 70 - 130 |
| Toluene | 0.100 | 0.09645 | | mg/Kg | | 96 | 70 - 130 |

Eurofins Xenco, Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-3975/1-A

Matrix: Solid

Analysis Batch: 3977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3975

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|-------------|------------|---------------|-------|---|------|--------------|
| Ethylbenzene | 0.100 | 0.1067 | | mg/Kg | | 107 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1918 | | mg/Kg | | 96 | 70 - 130 |
| o-Xylene | 0.100 | 0.09653 | | mg/Kg | | 97 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

Lab Sample ID: LCSD 880-3975/2-A

Matrix: Solid

Analysis Batch: 3977

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3975

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Benzene | 0.100 | 0.09340 | | mg/Kg | | 93 | 70 - 130 | 1 | 35 |
| Toluene | 0.100 | 0.08747 | | mg/Kg | | 87 | 70 - 130 | 10 | 35 |
| Ethylbenzene | 0.100 | 0.1053 | | mg/Kg | | 105 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1895 | | mg/Kg | | 95 | 70 - 130 | 1 | 35 |
| o-Xylene | 0.100 | 0.09521 | | mg/Kg | | 95 | 70 - 130 | 1 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

Lab Sample ID: 880-2941-21 MS

Matrix: Solid

Analysis Batch: 3977

Client Sample ID: AH-5 (0'-1')

Prep Type: Total/NA

Prep Batch: 3975

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Benzene | <0.00200 | U F1 | 0.0998 | 0.06852 | F1 | mg/Kg | | 69 | 70 - 130 |
| Toluene | <0.00200 | U F1 | 0.0998 | 0.05923 | F1 | mg/Kg | | 59 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F1 | 0.0998 | 0.05386 | F1 | mg/Kg | | 54 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00399 | U F1 | 0.200 | 0.1018 | F1 | mg/Kg | | 51 | 70 - 130 |
| o-Xylene | <0.00200 | U F1 | 0.0998 | 0.05138 | F1 | mg/Kg | | 51 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 |

Lab Sample ID: 880-2941-21 MSD

Matrix: Solid

Analysis Batch: 3977

Client Sample ID: AH-5 (0'-1')

Prep Type: Total/NA

Prep Batch: 3975

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Benzene | <0.00200 | U F1 | 0.100 | 0.06724 | F1 | mg/Kg | | 67 | 70 - 130 | 2 | 35 |
| Toluene | <0.00200 | U F1 | 0.100 | 0.05721 | F1 | mg/Kg | | 57 | 70 - 130 | 3 | 35 |
| Ethylbenzene | <0.00200 | U F1 | 0.100 | 0.04353 | F1 | mg/Kg | | 43 | 70 - 130 | 21 | 35 |
| m-Xylene & p-Xylene | <0.00399 | U F1 | 0.201 | 0.08011 | F1 | mg/Kg | | 40 | 70 - 130 | 24 | 35 |
| o-Xylene | <0.00200 | U F1 | 0.100 | 0.04302 | F1 | mg/Kg | | 42 | 70 - 130 | 18 | 35 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

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

| Surrogate | MSD MSD | | Limits |
|-----------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 85 | | 70 - 130 |

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

Lab Sample ID: MB 880-3984/1-A

Matrix: Solid

Analysis Batch: 4067

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3984

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 13:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 13:58 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 13:58 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 13:53 | 06/13/21 13:58 | 1 |

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1-Chlorooctane | 93 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 13:58 | 1 |
| o-Terphenyl | 85 | | 70 - 130 | 06/10/21 13:53 | 06/13/21 13:58 | 1 |

Lab Sample ID: LCS 880-3984/2-A

Matrix: Solid

Analysis Batch: 4067

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3984

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 889.1 | | mg/Kg | | 89 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 981.0 | | mg/Kg | | 98 | 70 - 130 |

| Surrogate | LCS LCS | | Limits |
|----------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane | 86 | | 70 - 130 |
| o-Terphenyl | 77 | | 70 - 130 |

Lab Sample ID: LCSD 880-3984/3-A

Matrix: Solid

Analysis Batch: 4067

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3984

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-------|
| | | | | | | | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 938.2 | | mg/Kg | | 94 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 941.4 | | mg/Kg | | 94 | 70 - 130 | 4 | 20 |

| Surrogate | LCSD LCSD | | Limits |
|----------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1-Chlorooctane | 92 | | 70 - 130 |
| o-Terphenyl | 73 | | 70 - 130 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

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

Lab Sample ID: 880-2941-1 MS

Matrix: Solid

Analysis Batch: 4067

Client Sample ID: H-1 (0"-6")

Prep Type: Total/NA

Prep Batch: 3984

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 999 | 786.1 | | mg/Kg | | 79 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1690 | | 999 | 2618 | | mg/Kg | | 93 | 70 - 130 |
| Surrogate | MS %Recovery | MS Qualifier | Limits | | | | | | |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | | | |
| o-Terphenyl | 73 | | 70 - 130 | | | | | | |

Lab Sample ID: 880-2941-1 MSD

Matrix: Solid

Analysis Batch: 4067

Client Sample ID: H-1 (0"-6")

Prep Type: Total/NA

Prep Batch: 3984

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 998 | 793.0 | | mg/Kg | | 79 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | 1690 | | 998 | 2709 | | mg/Kg | | 102 | 70 - 130 | 3 | 20 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 94 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 74 | | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-3985/1-A

Matrix: Solid

Analysis Batch: 4069

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3985

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 13:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 13:58 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 13:58 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 06/10/21 14:13 | 06/13/21 13:58 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 98 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 13:58 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | | | | 06/10/21 14:13 | 06/13/21 13:58 | 1 |

Lab Sample ID: LCS 880-3985/2-A

Matrix: Solid

Analysis Batch: 4069

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3985

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 752.2 | | mg/Kg | | 75 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 909.2 | | mg/Kg | | 91 | 70 - 130 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-3985/2-A
Matrix: Solid
Analysis Batch: 4069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3985

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 84 | | 70 - 130 |
| o-Terphenyl | 82 | | 70 - 130 |

Lab Sample ID: LCSD 880-3985/3-A
Matrix: Solid
Analysis Batch: 4069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3985

| | | | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 788.9 | | mg/Kg | | 79 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 961.9 | | mg/Kg | | 96 | 70 - 130 | 6 | 20 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 880-2941-21 MS
Matrix: Solid
Analysis Batch: 4069

Client Sample ID: AH-5 (0'-1')
Prep Type: Total/NA
Prep Batch: 3985

| | Sample | Sample | Spike | MS | MS | | | | %Rec. | | |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 999 | 990.2 | | mg/Kg | | 98 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | 5280 | | 999 | 5913 | 4 | mg/Kg | | 64 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 103 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 79 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 880-2941-21 MSD
Matrix: Solid
Analysis Batch: 4069

Client Sample ID: AH-5 (0'-1')
Prep Type: Total/NA
Prep Batch: 3985

| | 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 | <49.8 | U | 998 | 933.6 | | mg/Kg | | 92 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | 5280 | | 998 | 5412 | 4 | mg/Kg | | 14 | 70 - 130 | 9 | 20 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 107 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 81 | | 70 - 130 | | | | | | | | |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-4077/1-A

Matrix: Solid

Analysis Batch: 4078

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4077

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------------|-----------------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | 113.4 | | 50.0 | | mg/Kg | | 06/14/21 09:58 | 06/14/21 12:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 06/14/21 09:58 | 06/14/21 12:20 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 06/14/21 09:58 | 06/14/21 12:20 | 1 |
| Total TPH | 113.4 | | 50.0 | | mg/Kg | | 06/14/21 09:58 | 06/14/21 12:20 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 89 | | 70 - 130 | 06/14/21 09:58 | 06/14/21 12:20 | 1 |
| o-Terphenyl | 83 | | 70 - 130 | 06/14/21 09:58 | 06/14/21 12:20 | 1 |

Lab Sample ID: LCS 880-4077/2-A

Matrix: Solid

Analysis Batch: 4078

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4077

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|----------------|---------------|------------------|-------|---|------|-----------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 869.0 | | mg/Kg | | 87 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 842.6 | | mg/Kg | | 84 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------|------------------|------------------|----------|
| 1-Chlorooctane | 85 | | 70 - 130 |
| o-Terphenyl | 71 | | 70 - 130 |

Lab Sample ID: LCSD 880-4077/3-A

Matrix: Solid

Analysis Batch: 4078

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 4077

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------------------------|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 823.3 | | mg/Kg | | 82 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 868.0 | | mg/Kg | | 87 | 70 - 130 | 3 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|----------------|-------------------|-------------------|----------|
| 1-Chlorooctane | 87 | | 70 - 130 |
| o-Terphenyl | 74 | | 70 - 130 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3979/1-A

Matrix: Solid

Analysis Batch: 4013

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 | | | 06/11/21 15:16 | 1 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-3979/2-A

Matrix: Solid

Analysis Batch: 4013

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 250 | 245.0 | | mg/Kg | | 98 | 90 - 110 |

Lab Sample ID: LCSD 880-3979/3-A

Matrix: Solid

Analysis Batch: 4013

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Chloride | 250 | 245.5 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-2941-21 MS

Matrix: Solid

Analysis Batch: 4013

Client Sample ID: AH-5 (0'-1')

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 6810 | F1 | 2500 | 10080 | F1 | mg/Kg | | 131 | 90 - 110 |

Lab Sample ID: 880-2941-21 MSD

Matrix: Solid

Analysis Batch: 4013

Client Sample ID: AH-5 (0'-1')

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 6810 | F1 | 2500 | 10100 | F1 | mg/Kg | | 132 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-2941-31 MS

Matrix: Solid

Analysis Batch: 4013

Client Sample ID: AH-7 (0'-1')

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 2350 | | 1250 | 3576 | | mg/Kg | | 98 | 90 - 110 |

Lab Sample ID: 880-2941-31 MSD

Matrix: Solid

Analysis Batch: 4013

Client Sample ID: AH-7 (0'-1')

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 2350 | | 1250 | 3578 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

Lab Sample ID: MB 880-4110/1-A

Matrix: Solid

Analysis Batch: 4122

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 | | | 06/15/21 11:32 | 1 |

Lab Sample ID: LCS 880-4110/2-A

Matrix: Solid

Analysis Batch: 4122

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 250 | 243.0 | | mg/Kg | | 97 | 90 - 110 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-4110/3-A

Matrix: Solid

Analysis Batch: 4122

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|--|--|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| Chloride | | | 250 | 242.4 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-2941-1 MS

Matrix: Solid

Analysis Batch: 4122

Client Sample ID: H-1 (0"-6")

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 119 | | 253 | 367.5 | | mg/Kg | | 98 | 90 - 110 | | |

Lab Sample ID: 880-2941-1 MSD

Matrix: Solid

Analysis Batch: 4122

Client Sample ID: H-1 (0"-6")

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 119 | | 253 | 370.7 | | mg/Kg | | 100 | 90 - 110 | 1 | 20 |

Lab Sample ID: 880-2941-11 MS

Matrix: Solid

Analysis Batch: 4122

Client Sample ID: AH-2 (1'-1.5')

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 1410 | | 1240 | 2633 | | mg/Kg | | 99 | 90 - 110 | | |

Lab Sample ID: 880-2941-11 MSD

Matrix: Solid

Analysis Batch: 4122

Client Sample ID: AH-2 (1'-1.5')

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 1410 | | 1240 | 2622 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

GC VOA

Prep Batch: 3959

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2941-1 | H-1 (0"-6") | Total/NA | Solid | 5035 | |
| 880-2941-2 | H-2 (0"-6") | Total/NA | Solid | 5035 | |
| 880-2941-3 | H-3 (0"-6") | Total/NA | Solid | 5035 | |
| 880-2941-4 | H-4 (0"-6") | Total/NA | Solid | 5035 | |
| 880-2941-5 | H-5 (0"-6") | Total/NA | Solid | 5035 | |
| 880-2941-6 | H-6 (0"-6") | Total/NA | Solid | 5035 | |
| 880-2941-7 | AH-1 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-8 | AH-1 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2941-9 | AH-1 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2941-10 | AH-1 (3'-3.5') | Total/NA | Solid | 5035 | |
| 880-2941-11 | AH-2 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2941-12 | AH-2 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2941-13 | AH-2 (3'-3.5') | Total/NA | Solid | 5035 | |
| 880-2941-14 | AH-3 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-15 | AH-3 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2941-16 | AH-3 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2941-17 | AH-3 (3'-3.5') | Total/NA | Solid | 5035 | |
| 880-2941-18 | AH-4 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-19 | AH-4 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2941-20 | AH-4 (2'-2.5') | Total/NA | Solid | 5035 | |
| MB 880-3959/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-3959/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-3959/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-2941-1 MS | H-1 (0"-6") | Total/NA | Solid | 5035 | |
| 880-2941-1 MSD | H-1 (0"-6") | Total/NA | Solid | 5035 | |

Prep Batch: 3975

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2941-21 | AH-5 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-22 | AH-5 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2941-23 | AH-5 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2941-24 | AH-5 (3'-3.5') | Total/NA | Solid | 5035 | |
| 880-2941-25 | AH-5 (4'-4.5") | Total/NA | Solid | 5035 | |
| 880-2941-26 | AH-6 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-27 | AH-6 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2941-28 | AH-6 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2941-29 | AH-6 (3'-3.5') | Total/NA | Solid | 5035 | |
| 880-2941-30 | AH-2 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-31 | AH-7 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-32 | AH-7 (1'-1.5') | Total/NA | Solid | 5035 | |
| MB 880-3975/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-3975/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-3975/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-2941-21 MS | AH-5 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2941-21 MSD | AH-5 (0'-1') | Total/NA | Solid | 5035 | |

Analysis Batch: 3977

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-2941-21 | AH-5 (0'-1') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-22 | AH-5 (1'-1.5') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-23 | AH-5 (2'-2.5') | Total/NA | Solid | 8021B | 3975 |

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

GC VOA (Continued)

Analysis Batch: 3977 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2941-24 | AH-5 (3'-3.5') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-25 | AH-5 (4'-4.5") | Total/NA | Solid | 8021B | 3975 |
| 880-2941-26 | AH-6 (0'-1') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-27 | AH-6 (1'-1.5') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-28 | AH-6 (2'-2.5') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-29 | AH-6 (3'-3.5') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-30 | AH-2 (0'-1') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-31 | AH-7 (0'-1') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-32 | AH-7 (1'-1.5') | Total/NA | Solid | 8021B | 3975 |
| MB 880-3975/5-A | Method Blank | Total/NA | Solid | 8021B | 3975 |
| LCS 880-3975/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 3975 |
| LCSD 880-3975/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 3975 |
| 880-2941-21 MS | AH-5 (0'-1') | Total/NA | Solid | 8021B | 3975 |
| 880-2941-21 MSD | AH-5 (0'-1') | Total/NA | Solid | 8021B | 3975 |

Analysis Batch: 3978

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2941-1 | H-1 (0"-6") | Total/NA | Solid | 8021B | 3959 |
| 880-2941-2 | H-2 (0"-6") | Total/NA | Solid | 8021B | 3959 |
| 880-2941-3 | H-3 (0"-6") | Total/NA | Solid | 8021B | 3959 |
| 880-2941-4 | H-4 (0"-6") | Total/NA | Solid | 8021B | 3959 |
| 880-2941-5 | H-5 (0"-6") | Total/NA | Solid | 8021B | 3959 |
| 880-2941-6 | H-6 (0"-6") | Total/NA | Solid | 8021B | 3959 |
| 880-2941-7 | AH-1 (0'-1') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-8 | AH-1 (1'-1.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-9 | AH-1 (2'-2.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-10 | AH-1 (3'-3.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-11 | AH-2 (1'-1.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-12 | AH-2 (2'-2.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-13 | AH-2 (3'-3.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-14 | AH-3 (0'-1') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-15 | AH-3 (1'-1.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-16 | AH-3 (2'-2.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-17 | AH-3 (3'-3.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-18 | AH-4 (0'-1') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-19 | AH-4 (1'-1.5') | Total/NA | Solid | 8021B | 3959 |
| 880-2941-20 | AH-4 (2'-2.5') | Total/NA | Solid | 8021B | 3959 |
| MB 880-3959/5-A | Method Blank | Total/NA | Solid | 8021B | 3959 |
| LCS 880-3959/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 3959 |
| LCSD 880-3959/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 3959 |
| 880-2941-1 MS | H-1 (0"-6") | Total/NA | Solid | 8021B | 3959 |
| 880-2941-1 MSD | H-1 (0"-6") | Total/NA | Solid | 8021B | 3959 |

GC Semi VOA

Prep Batch: 3984

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 880-2941-1 | H-1 (0"-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2941-2 | H-2 (0"-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2941-3 | H-3 (0"-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2941-4 | H-4 (0"-6") | Total/NA | Solid | 8015NM Prep | |

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Prep Batch: 3984 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 880-2941-5 | H-5 (0"-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2941-6 | H-6 (0"-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2941-7 | AH-1 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-8 | AH-1 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-9 | AH-1 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-10 | AH-1 (3'-3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-11 | AH-2 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-12 | AH-2 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-13 | AH-2 (3'-3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-14 | AH-3 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-15 | AH-3 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-16 | AH-3 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-17 | AH-3 (3'-3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-18 | AH-4 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-19 | AH-4 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-20 | AH-4 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-3984/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-3984/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-3984/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-2941-1 MS | H-1 (0"-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2941-1 MSD | H-1 (0"-6") | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 3985

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 880-2941-21 | AH-5 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-22 | AH-5 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-23 | AH-5 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-24 | AH-5 (3'-3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-25 | AH-5 (4'-4.5") | Total/NA | Solid | 8015NM Prep | |
| 880-2941-26 | AH-6 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-27 | AH-6 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-28 | AH-6 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-29 | AH-6 (3'-3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-30 | AH-2 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-31 | AH-7 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-32 | AH-7 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-3985/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-3985/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-3985/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-2941-21 MS | AH-5 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2941-21 MSD | AH-5 (0'-1') | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 4067

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-2941-1 | H-1 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-2 | H-2 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-3 | H-3 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-4 | H-4 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-5 | H-5 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-6 | H-6 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-7 | AH-1 (0'-1') | Total/NA | Solid | 8015B NM | 3984 |

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Analysis Batch: 4067 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-2941-8 | AH-1 (1'-1.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-9 | AH-1 (2'-2.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-10 | AH-1 (3'-3.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-11 | AH-2 (1'-1.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-12 | AH-2 (2'-2.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-13 | AH-2 (3'-3.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-14 | AH-3 (0'-1') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-15 | AH-3 (1'-1.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-16 | AH-3 (2'-2.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-17 | AH-3 (3'-3.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-18 | AH-4 (0'-1') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-19 | AH-4 (1'-1.5') | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-20 | AH-4 (2'-2.5') | Total/NA | Solid | 8015B NM | 3984 |
| MB 880-3984/1-A | Method Blank | Total/NA | Solid | 8015B NM | 3984 |
| LCS 880-3984/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 3984 |
| LCSD 880-3984/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-1 MS | H-1 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |
| 880-2941-1 MSD | H-1 (0"-6") | Total/NA | Solid | 8015B NM | 3984 |

Analysis Batch: 4069

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-2941-21 | AH-5 (0'-1') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-22 | AH-5 (1'-1.5') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-23 | AH-5 (2'-2.5') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-24 | AH-5 (3'-3.5') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-25 | AH-5 (4'-4.5") | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-26 | AH-6 (0'-1') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-27 | AH-6 (1'-1.5') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-28 | AH-6 (2'-2.5') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-29 | AH-6 (3'-3.5') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-30 | AH-2 (0'-1') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-31 | AH-7 (0'-1') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-32 | AH-7 (1'-1.5') | Total/NA | Solid | 8015B NM | 3985 |
| MB 880-3985/1-A | Method Blank | Total/NA | Solid | 8015B NM | 3985 |
| LCS 880-3985/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 3985 |
| LCSD 880-3985/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-21 MS | AH-5 (0'-1') | Total/NA | Solid | 8015B NM | 3985 |
| 880-2941-21 MSD | AH-5 (0'-1') | Total/NA | Solid | 8015B NM | 3985 |

Prep Batch: 4077

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| MB 880-4077/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-4077/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-4077/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 4078

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| MB 880-4077/1-A | Method Blank | Total/NA | Solid | 8015B NM | 4077 |
| LCS 880-4077/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 4077 |
| LCSD 880-4077/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 4077 |

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

HPLC/IC

Leach Batch: 3979

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-2941-21 | AH-5 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-22 | AH-5 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2941-23 | AH-5 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2941-24 | AH-5 (3'-3.5') | Soluble | Solid | DI Leach | |
| 880-2941-25 | AH-5 (4'-4.5") | Soluble | Solid | DI Leach | |
| 880-2941-26 | AH-6 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-27 | AH-6 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2941-28 | AH-6 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2941-29 | AH-6 (3'-3.5') | Soluble | Solid | DI Leach | |
| 880-2941-30 | AH-2 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-31 | AH-7 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-32 | AH-7 (1'-1.5') | Soluble | Solid | DI Leach | |
| MB 880-3979/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-3979/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-3979/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-2941-21 MS | AH-5 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-21 MSD | AH-5 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-31 MS | AH-7 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-31 MSD | AH-7 (0'-1') | Soluble | Solid | DI Leach | |

Analysis Batch: 4013

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2941-21 | AH-5 (0'-1') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-22 | AH-5 (1'-1.5') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-23 | AH-5 (2'-2.5') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-24 | AH-5 (3'-3.5') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-25 | AH-5 (4'-4.5") | Soluble | Solid | 300.0 | 3979 |
| 880-2941-26 | AH-6 (0'-1') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-27 | AH-6 (1'-1.5') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-28 | AH-6 (2'-2.5') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-29 | AH-6 (3'-3.5') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-30 | AH-2 (0'-1') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-31 | AH-7 (0'-1') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-32 | AH-7 (1'-1.5') | Soluble | Solid | 300.0 | 3979 |
| MB 880-3979/1-A | Method Blank | Soluble | Solid | 300.0 | 3979 |
| LCS 880-3979/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 3979 |
| LCSD 880-3979/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 3979 |
| 880-2941-21 MS | AH-5 (0'-1') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-21 MSD | AH-5 (0'-1') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-31 MS | AH-7 (0'-1') | Soluble | Solid | 300.0 | 3979 |
| 880-2941-31 MSD | AH-7 (0'-1') | Soluble | Solid | 300.0 | 3979 |

Leach Batch: 4110

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-2941-1 | H-1 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-2 | H-2 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-3 | H-3 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-4 | H-4 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-5 | H-5 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-6 | H-6 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-7 | AH-1 (0'-1') | Soluble | Solid | DI Leach | |

Eurofins Xenco, Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 4110 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-2941-8 | AH-1 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2941-9 | AH-1 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2941-10 | AH-1 (3'-3.5') | Soluble | Solid | DI Leach | |
| 880-2941-11 | AH-2 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2941-12 | AH-2 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2941-13 | AH-2 (3'-3.5') | Soluble | Solid | DI Leach | |
| 880-2941-14 | AH-3 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-15 | AH-3 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2941-16 | AH-3 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2941-17 | AH-3 (3'-3.5') | Soluble | Solid | DI Leach | |
| 880-2941-18 | AH-4 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2941-19 | AH-4 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2941-20 | AH-4 (2'-2.5') | Soluble | Solid | DI Leach | |
| MB 880-4110/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-4110/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-4110/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-2941-1 MS | H-1 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-1 MSD | H-1 (0"-6") | Soluble | Solid | DI Leach | |
| 880-2941-11 MS | AH-2 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2941-11 MSD | AH-2 (1'-1.5') | Soluble | Solid | DI Leach | |

Analysis Batch: 4122

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2941-1 | H-1 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-2 | H-2 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-3 | H-3 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-4 | H-4 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-5 | H-5 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-6 | H-6 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-7 | AH-1 (0'-1') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-8 | AH-1 (1'-1.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-9 | AH-1 (2'-2.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-10 | AH-1 (3'-3.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-11 | AH-2 (1'-1.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-12 | AH-2 (2'-2.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-13 | AH-2 (3'-3.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-14 | AH-3 (0'-1') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-15 | AH-3 (1'-1.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-16 | AH-3 (2'-2.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-17 | AH-3 (3'-3.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-18 | AH-4 (0'-1') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-19 | AH-4 (1'-1.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-20 | AH-4 (2'-2.5') | Soluble | Solid | 300.0 | 4110 |
| MB 880-4110/1-A | Method Blank | Soluble | Solid | 300.0 | 4110 |
| LCS 880-4110/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 4110 |
| LCSD 880-4110/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 4110 |
| 880-2941-1 MS | H-1 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-1 MSD | H-1 (0"-6") | Soluble | Solid | 300.0 | 4110 |
| 880-2941-11 MS | AH-2 (1'-1.5') | Soluble | Solid | 300.0 | 4110 |
| 880-2941-11 MSD | AH-2 (1'-1.5') | Soluble | Solid | 300.0 | 4110 |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: H-1 (0"-6")

Lab Sample ID: 880-2941-1

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 16:52 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 15:01 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 11:48 | CH | XEN MID |

Client Sample ID: H-2 (0"-6")

Lab Sample ID: 880-2941-2

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 17:12 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 16:04 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:05 | CH | XEN MID |

Client Sample ID: H-3 (0"-6")

Lab Sample ID: 880-2941-3

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 17:33 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 16:24 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:10 | CH | XEN MID |

Client Sample ID: H-4 (0"-6")

Lab Sample ID: 880-2941-4

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 17:53 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 16:45 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:16 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: H-5 (0"-6")

Lab Sample ID: 880-2941-5

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 18:13 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 17:06 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:21 | CH | XEN MID |

Client Sample ID: H-6 (0"-6")

Lab Sample ID: 880-2941-6

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 18:34 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 17:27 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:38 | CH | XEN MID |

Client Sample ID: AH-1 (0'-1')

Lab Sample ID: 880-2941-7

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 18:54 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 17:48 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:43 | CH | XEN MID |

Client Sample ID: AH-1 (1'-1.5')

Lab Sample ID: 880-2941-8

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 19:15 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 18:09 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:49 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-1 (2'-2.5')

Lab Sample ID: 880-2941-9

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 19:35 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 18:30 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 12:54 | CH | XEN MID |

Client Sample ID: AH-1 (3'-3.5')

Lab Sample ID: 880-2941-10

Date Collected: 06/03/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 19:55 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 18:51 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 13:00 | CH | XEN MID |

Client Sample ID: AH-2 (1'-1.5')

Lab Sample ID: 880-2941-11

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 21:17 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 19:33 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4122 | 06/15/21 13:05 | CH | XEN MID |

Client Sample ID: AH-2 (2'-2.5')

Lab Sample ID: 880-2941-12

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 21:38 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 19:54 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 13:21 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-2 (3'-3.5')

Lab Sample ID: 880-2941-13

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 21:58 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 20:15 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 13:27 | CH | XEN MID |

Client Sample ID: AH-3 (0'-1')

Lab Sample ID: 880-2941-14

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 22:19 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 20:36 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 13:43 | CH | XEN MID |

Client Sample ID: AH-3 (1'-1.5')

Lab Sample ID: 880-2941-15

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 22:39 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3984 | 06/10/21 13:53 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 20:57 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 13:49 | CH | XEN MID |

Client Sample ID: AH-3 (2'-2.5')

Lab Sample ID: 880-2941-16

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 22:59 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3984 | 06/10/21 13:54 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 21:18 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 13:54 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-3 (3'-3.5')

Lab Sample ID: 880-2941-17

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 23:20 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3984 | 06/10/21 13:54 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 21:39 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 14:00 | CH | XEN MID |

Client Sample ID: AH-4 (0'-1')

Lab Sample ID: 880-2941-18

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/10/21 23:40 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3984 | 06/10/21 13:54 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 21:59 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 14:05 | CH | XEN MID |

Client Sample ID: AH-4 (1'-1.5')

Lab Sample ID: 880-2941-19

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/11/21 00:01 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3984 | 06/10/21 13:54 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 22:20 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 14:11 | CH | XEN MID |

Client Sample ID: AH-4 (2'-2.5')

Lab Sample ID: 880-2941-20

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3959 | 06/10/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3978 | 06/11/21 00:21 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 3984 | 06/10/21 13:54 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4067 | 06/13/21 22:41 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 4110 | 06/15/21 09:17 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4122 | 06/15/21 14:16 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-5 (0'-1')

Lab Sample ID: 880-2941-21

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 17:12 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 15:01 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 10 | | | 4013 | 06/11/21 15:31 | CH | XEN MID |

Client Sample ID: AH-5 (1'-1.5')

Lab Sample ID: 880-2941-22

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 17:37 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 16:04 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4013 | 06/11/21 15:45 | CH | XEN MID |

Client Sample ID: AH-5 (2'-2.5')

Lab Sample ID: 880-2941-23

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 18:02 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 16:24 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4013 | 06/11/21 15:50 | CH | XEN MID |

Client Sample ID: AH-5 (3'-3.5')

Lab Sample ID: 880-2941-24

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 18:28 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 16:45 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4013 | 06/11/21 15:55 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-5 (4'-4.5")

Lab Sample ID: 880-2941-25

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 18:53 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 17:06 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4013 | 06/11/21 16:00 | CH | XEN MID |

Client Sample ID: AH-6 (0'-1')

Lab Sample ID: 880-2941-26

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 19:18 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 17:27 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4013 | 06/11/21 16:15 | CH | XEN MID |

Client Sample ID: AH-6 (1'-1.5')

Lab Sample ID: 880-2941-27

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 19:43 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 17:48 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4013 | 06/11/21 16:20 | CH | XEN MID |

Client Sample ID: AH-6 (2'-2.5')

Lab Sample ID: 880-2941-28

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 20:08 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 18:09 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4013 | 06/11/21 16:25 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Client Sample ID: AH-6 (3'-3.5')

Lab Sample ID: 880-2941-29

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 20:33 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 18:30 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 4013 | 06/11/21 16:30 | CH | XEN MID |

Client Sample ID: AH-2 (0'-1')

Lab Sample ID: 880-2941-30

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 20:58 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 18:51 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4013 | 06/11/21 16:35 | CH | XEN MID |

Client Sample ID: AH-7 (0'-1')

Lab Sample ID: 880-2941-31

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 22:39 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 19:33 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4013 | 06/11/21 16:39 | CH | XEN MID |

Client Sample ID: AH-7 (1'-1.5')

Lab Sample ID: 880-2941-32

Date Collected: 06/04/21 00:00

Matrix: Solid

Date Received: 06/10/21 12:09

| Prep 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 | 3975 | 06/10/21 13:04 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3977 | 06/10/21 23:04 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 3985 | 06/10/21 14:13 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 4069 | 06/13/21 19:54 | AM | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3979 | 06/10/21 13:30 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | | | 4013 | 06/11/21 16:54 | CH | XEN MID |

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

Laboratory: Eurofins Xenco, Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400-20-21 | 06-30-21 |

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 |
|-----------------|-------------|--------|------------|
| 8015B NM | 8015NM Prep | Solid | Total TPH |
| 8021B | 5035 | Solid | Total BTEX |

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

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | XEN MID |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | XEN MID |
| 300.0 | Anions, Ion Chromatography | MCAWW | XEN MID |
| 5035 | Closed System Purge and Trap | SW846 | XEN MID |
| 8015NM Prep | Microextraction | SW846 | XEN MID |
| DI Leach | Deionized Water Leaching Procedure | ASTM | XEN 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.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 880-2941-1
SDG: Lea County, NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 880-2941-1 | H-1 (0"-6") | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-2 | H-2 (0"-6") | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-3 | H-3 (0"-6") | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-4 | H-4 (0"-6") | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-5 | H-5 (0"-6") | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-6 | H-6 (0"-6") | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-7 | AH-1 (0'-1') | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-8 | AH-1 (1'-1.5') | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-9 | AH-1 (2'-2.5') | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-10 | AH-1 (3'-3.5') | Solid | 06/03/21 00:00 | 06/10/21 12:09 | |
| 880-2941-11 | AH-2 (1'-1.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-12 | AH-2 (2'-2.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-13 | AH-2 (3'-3.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-14 | AH-3 (0'-1') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-15 | AH-3 (1'-1.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-16 | AH-3 (2'-2.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-17 | AH-3 (3'-3.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-18 | AH-4 (0'-1') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-19 | AH-4 (1'-1.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-20 | AH-4 (2'-2.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-21 | AH-5 (0'-1') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-22 | AH-5 (1'-1.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-23 | AH-5 (2'-2.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-24 | AH-5 (3'-3.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-25 | AH-5 (4'-4.5") | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-26 | AH-6 (0'-1') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-27 | AH-6 (1'-1.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-28 | AH-6 (2'-2.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-29 | AH-6 (3'-3.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-30 | AH-2 (0'-1') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-31 | AH-7 (0'-1') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |
| 880-2941-32 | AH-7 (1'-1.5') | Solid | 06/04/21 00:00 | 06/10/21 12:09 | |

Eurofins Xenco, Midland

Analysis Request of Custody Record



Tetra Tech, Inc.

 901 West Wall Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-3946

880-2941 Chain of Custody



Page 1 of 1

880-2941

| | | | | | | | |
|-------------------------------------|--|---------------------------|--|-------------------|--|--------------------|--|
| Client Name | | EOG | | Site Manager | | Brittany Long | |
| Project Name | | Caballo Section 23 TB | | | | | |
| Project Location (county, state) | | Lea County, New Mexico | | Project #: | | 212C-MD-02519 | |
| Invoice to | | EOG, Attention Todd Wells | | | | | |
| Receiving Laboratory | | Eurofins Xenco | | Sampler Signature | | Colton Bickerstaff | |
| Comments | | | | | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) | |
|-------------------------|-----------------------|----------|------|--------|------|---------------------|------------------|--------------|----------------|--|---|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | | | ICE |
| | | | | | | | | | | | |
| H-1 (0"-6") | | 6/3/2021 | | X | | X | | | 1 | N | BTX 8021B BTX 8260B |
| H-2 (0"-6") | | 6/3/2021 | | X | | X | | | 1 | N | TPH TX1005 (Ext to C35) |
| H-3 (0"-6") | | 6/3/2021 | | X | | X | | | 1 | N | TPH 8015M (GRO - DRO - ORO) |
| H-4 (0"-6") | | 6/3/2021 | | X | | X | | | 1 | N | PAH 8270C |
| H-5 (0"-6") | | 6/3/2021 | | X | | X | | | 1 | N | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| H-6 (0"-6") | | 6/3/2021 | | X | | X | | | 1 | N | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| AH-1 (0'-1') | | 6/3/2021 | | X | | X | | | 1 | N | TCLP Volatiles |
| AH-1 (1'-1.5') | | 6/3/2021 | | X | | X | | | 1 | N | TCLP Semi Volatiles |
| AH-1 (2'-2.5') | | 6/3/2021 | | X | | X | | | 1 | N | RCI |
| AH-1 (3'-3.5') | | 6/3/2021 | | X | | X | | | 1 | N | GC/MS Vol 8260B / 624 |
| | | | | | | | | | | | GC/MS Semi Vol 8270C/625 |
| | | | | | | | | | | | PCB s 8082 / 608 |
| | | | | | | | | | | | NORM |
| | | | | | | | | | | | PLM (Asbestos) |
| | | | | | | | | | | | Chloride |
| | | | | | | | | | | | Chloride Sulfate TDS |
| | | | | | | | | | | | General Water Chemistry (see attached list) |
| | | | | | | | | | | | Anion/Cation Balance |
| | | | | | | | | | | | Asbestos |
| | | | | | | | | | | | Hold |

| | | | | | |
|--------------------|---------|------|-------------|---------|------|
| Relinquished by | Date | Time | Received by | Date | Time |
| Colton Bickerstaff | 6/10/21 | | RECEIVED | 6/10/21 | 1209 |
| Relinquished by | Date | Time | Received by | Date | Time |
| | | | | | |
| Relinquished by | Date | Time | Received by | Date | Time |
| | | | | | |

| | |
|---------------------------------------|--|
| LAB USE ONLY | REMARKS |
| Sample Temperature 4.1/4.6 +0.5 | <input checked="" type="checkbox"/> RUSH Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report |

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 West Wall Street, Ste 100
Midland Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Loc: 880
2941

Page 2 of 2

6/15/2021

| | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|---|--|-------------------|--|--------------------|--|---------------------|--|--------------|--|----------------|--|------------------|--|---------|--|---|--|---|--|
| Project Name | | EOG | | Site Manager | | Brittany Long | | | | | | | | | | | | | | | |
| Project Location (county, state) | | Caballo Section 23 TB Lea County, New Mexico | | Project #: | | 212C-MD-02519 | | | | | | | | | | | | | | | |
| Invoice to | | EOG, Attention Todd Wells | | Sampler Signature | | Colton Bickerstaff | | | | | | | | | | | | | | | |
| Receiving Laboratory | | Eurofins Xenco | | Date | | 6/10/21 | | | | | | | | | | | | | | | |
| Comments | | | | Date | | 1209 | | | | | | | | | | | | | | | |
| LAB # (LAB USE ONLY) | | SAMPLE IDENTIFICATION | | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | | FILTERED (Y/N) | | | | | | | | | |
| | | | | YEAR | | | | | | | | | | | | | | | | | |
| | | | | DATE | | TIME | | WATER | | SOIL | | HCL | | HNO ₃ | | ICE | | | | | |
| AH-2 (1'-1.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-2 (2'-2.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-2 (3'-3.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-3 (0'-1') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-3 (1'-1.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-3 (2'-2.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-3 (3'-3.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-4 (0'-1') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-4 (1'-1.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| AH-4 (2'-2.5') | | | | 6/4/2021 | | | | X | | X | | X | | X | | X | | 1 | | N | |
| Relinquished by | | Colton Bickerstaff | | Date | | Time | | Received by | | Date | | Time | | LAB USE ONLY | | REMARKS | | | | | |
| Relinquished by | | | | Date | | Time | | Received by | | Date | | Time | | LAB USE ONLY | | REMARKS | | | | | |
| Relinquished by | | | | Date | | Time | | Received by | | Date | | Time | | LAB USE ONLY | | REMARKS | | | | | |

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 West Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

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| | | | | | | | |
|---|-----------------------|---------------------------|----------|-------------------|---------------------|--------------------|----------------|
| Client Name | | EOG | | Site Manager | | Brittany Long | |
| Project Name | | Caballo Section 23 TB | | | | | |
| Project Location (county, state) | | Lea County, New Mexico | | | | Project #: | |
| Invoice to | | EOG, Attention Todd Wells | | | | 212C-MD-02519 | |
| Receiving Laboratory | | Eurofins Xenco | | Sampler Signature | | Colton Bickerstaff | |
| Comments | | | | | | | |
| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | PRESERVATIVE METHOD | # CONTAINERS | FILTERED (Y/N) |
| | | YEAR | DATE | | | | |
| | | | TIME | | | | |
| | AH-5 (0'-1') | | 6/3/2021 | X | | 1 | N |
| | AH-5 (1'-1.5') | | 6/3/2021 | X | | 1 | N |
| | AH-5 (2'-2.5') | | 6/3/2021 | X | | 1 | N |
| | AH-5 (3'-3.5') | | 6/3/2021 | X | | 1 | N |
| | AH-5 (4'-4.5') | | 6/3/2021 | X | | 1 | N |
| | AH-6 (0'-1') | | 6/3/2021 | X | | 1 | N |
| | AH-6 (1'-1.5') | | 6/3/2021 | X | | 1 | N |
| | AH-6 (2'-2.5') | | 6/3/2021 | X | | 1 | N |
| | AH-6 (3'-3.5') | | 6/3/2021 | X | | 1 | N |
| | AH-2 (0'-1') | | 6/4/2021 | X | | 1 | N |
| Relinquished by | | Date | | Time | | | |
| Colton Bickerstaff | | 6/10/21 | | | | | |
| Relinquished by | | Date | | Time | | | |
| | | | | | | | |
| Relinquished by | | Date | | Time | | | |
| | | | | | | | |
| Received by | | Date | | Time | | | |
| Kall | | 6/10/21 | | 1209 | | | |
| LAB USE ONLY | | | | | | | |
| Sample Temperature | | 4.1/4.6 | | | | | |
| +0.5 | | | | | | | |
| REMARKS. | | | | | | | |
| <input checked="" type="checkbox"/> RUSH Same Day 24 hr 48 hr 72 hr | | | | | | | |
| <input type="checkbox"/> Rush Charges Authorized | | | | | | | |
| <input type="checkbox"/> Special Report Limits or TRRP Report | | | | | | | |

Analysis Request of Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-2941-1

SDG Number: Lea County, NM

Login Number: 2941

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, 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. | False | No times on COC, logged in per container labels. |
| 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 America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1384-1

Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: Caballo Section 23 TB

For:

Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

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

Authorized for release by:
10/18/2021 1:58:29 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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results through

TotalAccess

Have a Question?



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www.eurofinsus.com/Env

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

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

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Laboratory Job ID: 890-1384-1
SDG: Lea County NM

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County 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, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

GC Semi VOA

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

HPLC/IC

| Qualifier | Qualifier Description |
|-----------|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| 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 |

Eurofins Xenco, Carlsbad

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Job ID: 890-1384-1**Laboratory: Eurofins Xenco, Carlsbad****Narrative****Job Narrative
890-1384-1****Receipt**

The samples were received on 10/8/2021 12:01 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-9107 and analytical batch 880-9282 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-9120 and analytical batch 880-9368 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1) (890-1384-1), T-1 (1) (890-1384-2), T-1 (2) (890-1384-3), T-1 (3) (890-1384-4), T-2 (0-1) (890-1384-7), T-2 (1) (890-1384-8), T-2 (3) (890-1384-10), T-3 (0-1) (890-1384-12), T-3 (3) (890-1384-15), T-3 (4) (890-1384-16), T-3 (6) (890-1384-18), T-3 (7) (890-1384-19) and T-3 (8) (890-1384-20). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-9121 and analytical batch 880-9391 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-9190 and analytical batch 880-9180 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-3 (1) (890-1384-13). 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 880-9213 and analytical batch 880-9319 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-9212 and analytical batch 880-9318 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: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-1 (0-1)

Lab Sample ID: 890-1384-1

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U F1 | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:55 | 1 |
| Toluene | <0.00202 | U F1 | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:55 | 1 |
| Ethylbenzene | <0.00202 | U F1 | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:55 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U F1 | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:55 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:55 | 1 |
| Xylenes, Total | <0.00403 | U F1 | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 139 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/13/21 23:55 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 10/11/21 10:30 | 10/13/21 23:55 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/13/21 13:00 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 53.5 | | 49.9 | | mg/Kg | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/11/21 21:53 | 1 |
| Diesel Range Organics (Over C10-C28) | 53.5 | F1 | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 21:53 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 21:53 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 94 | | 70 - 130 | 10/11/21 10:32 | 10/11/21 21:53 | 1 |
| o-Terphenyl | 102 | | 70 - 130 | 10/11/21 10:32 | 10/11/21 21:53 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 909 | | 4.97 | | mg/Kg | | | 10/12/21 19:45 | 1 |

Client Sample ID: T-1 (1)

Lab Sample ID: 890-1384-2

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:16 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:16 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:16 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:16 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:16 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 132 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/14/21 00:16 | 1 |

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-1 (1)

Lab Sample ID: 890-1384-2

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 00:16 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/11/21 22:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 22:57 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 22:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 10/11/21 10:32 | 10/11/21 22:57 | 1 |
| o-Terphenyl | 104 | | 70 - 130 | | | | 10/11/21 10:32 | 10/11/21 22:57 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 238 | | 4.95 | | mg/Kg | | | 10/12/21 19:52 | 1 |

Client Sample ID: T-1 (2)

Lab Sample ID: 890-1384-3

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:36 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:36 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:36 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:36 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:36 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:36 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 136 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/14/21 00:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 71 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 00:36 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-1 (2)

Lab Sample ID: 890-1384-3

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 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 | | 10/11/21 10:32 | 10/11/21 23:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 23:19 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 23:19 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 92 | | 70 - 130 | | | | 10/11/21 10:32 | 10/11/21 23:19 | 1 |
| o-Terphenyl | 102 | | 70 - 130 | | | | 10/11/21 10:32 | 10/11/21 23:19 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 97.2 | | 4.95 | | mg/Kg | | | 10/12/21 19:59 | 1 |

Client Sample ID: T-1 (3)

Lab Sample ID: 890-1384-4

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 135 | S1+ | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 00:56 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/11/21 23:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 23:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 23:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 98 | | 70 - 130 | | | | 10/11/21 10:32 | 10/11/21 23:40 | 1 |
| o-Terphenyl | 107 | | 70 - 130 | | | | 10/11/21 10:32 | 10/11/21 23:40 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-1 (3)

Lab Sample ID: 890-1384-4

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 243 | | 5.04 | | mg/Kg | | | 10/12/21 20:07 | 1 |

Client Sample ID: T-1 (4)

Lab Sample ID: 890-1384-5

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 126 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 01:17 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 00:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 00:01 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 00:01 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 91 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 00:01 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 00:01 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 561 | | 5.00 | | mg/Kg | | | 10/12/21 20:14 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-1 (5)

Lab Sample ID: 890-1384-6

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:37 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:37 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:37 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:37 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:37 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:37 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 130 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 01:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 74 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 01:37 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 00:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 00:23 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 00:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 90 | | 70 - 130 | 10/11/21 10:32 | 10/12/21 00:23 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | 10/11/21 10:32 | 10/12/21 00:23 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 460 | | 5.00 | | mg/Kg | | | 10/12/21 20:21 | 1 |

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-1384-7

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:58 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:58 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 01:58 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 137 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/14/21 01:58 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-1384-7

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 76 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 01:58 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 58.3 | | 50.0 | | mg/Kg | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 00:44 | 1 |
| Diesel Range Organics (Over C10-C28) | 58.3 | | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 00:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 00:44 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 85 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 00:44 | 1 |
| o-Terphenyl | 94 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 00:44 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 2960 | | 24.8 | | mg/Kg | | | 10/12/21 20:28 | 5 |

Client Sample ID: T-2 (1)

Lab Sample ID: 890-1384-8

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:18 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:18 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:18 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 155 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/14/21 02:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 02:18 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-2 (1)

Lab Sample ID: 890-1384-8

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 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 | | 10/11/21 10:32 | 10/12/21 01:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 01:05 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 01:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 01:05 | 1 |
| o-Terphenyl | 97 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 01:05 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 8790 | | 49.8 | | mg/Kg | | | 10/13/21 00:41 | 10 |

Client Sample ID: T-2 (2)

Lab Sample ID: 890-1384-9

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 02:38 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 01:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 01:27 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 01:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 01:27 | 1 |
| o-Terphenyl | 104 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 01:27 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-2 (2)

Lab Sample ID: 890-1384-9

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 5070 | | 25.1 | | mg/Kg | | | 10/13/21 01:03 | 5 |

Client Sample ID: T-2 (3)

Lab Sample ID: 890-1384-10

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 144 | S1+ | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |
| 1,4-Difluorobenzene (Surr) | 76 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 02:59 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 01:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 01:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 01:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 88 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 01:48 | 1 |
| o-Terphenyl | 97 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 01:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 5000 | | 24.8 | | mg/Kg | | | 10/13/21 01:10 | 5 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-2 (4)

Lab Sample ID: 890-1384-11

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:21 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:21 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 123 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 04:21 | 1 |
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 04:21 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 02:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 02:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 02:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 93 | | 70 - 130 | 10/11/21 10:32 | 10/12/21 02:30 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | 10/11/21 10:32 | 10/12/21 02:30 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3480 | | 25.0 | | mg/Kg | | | 10/13/21 01:17 | 5 |

Client Sample ID: T-3 (0-1)

Lab Sample ID: 890-1384-12

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:41 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:41 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:41 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:41 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:41 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 04:41 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 132 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/14/21 04:41 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (0-1)

Lab Sample ID: 890-1384-12

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 04:41 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 14:23 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 02:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 02:51 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 02:51 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 101 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 02:51 | 1 |
| o-Terphenyl | 112 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 02:51 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 934 | | 24.8 | | mg/Kg | | | 10/13/21 01:24 | 5 |

Client Sample ID: T-3 (1)

Lab Sample ID: 890-1384-13

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:01 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:01 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:01 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:01 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:01 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 123 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 05:01 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 05:01 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/13/21 13:00 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 142 | | 49.9 | | mg/Kg | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (1)

Lab Sample ID: 890-1384-13

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 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 | | 10/11/21 10:32 | 10/12/21 03:12 | 1 |
| Diesel Range Organics (Over C10-C28) | 142 | | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 03:12 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 03:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 65 | S1- | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 03:12 | 1 |
| o-Terphenyl | 72 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 03:12 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 47.3 | | 5.04 | | mg/Kg | | | 10/13/21 01:46 | 1 |

Client Sample ID: T-3 (2)

Lab Sample ID: 890-1384-14

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 126 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |
| 1,4-Difluorobenzene (Surr) | 70 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 05:22 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 03:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 03:33 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 03:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 91 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 03:33 | 1 |
| o-Terphenyl | 101 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 03:33 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (2)

Lab Sample ID: 890-1384-14

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 38.9 | | 5.01 | | mg/Kg | | | 10/13/21 01:53 | 1 |

Client Sample ID: T-3 (3)

Lab Sample ID: 890-1384-15

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 142 | S1+ | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 05:42 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 03:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 03:54 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 03:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 03:54 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 03:54 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 68.1 | | 4.98 | | mg/Kg | | | 10/13/21 02:00 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (4)

Lab Sample ID: 890-1384-16

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:03 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:03 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:03 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:03 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:03 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:03 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 141 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/14/21 06:03 | 1 |
| 1,4-Difluorobenzene (Surr) | 71 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 06:03 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 04:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 04:16 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 04:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 89 | | 70 - 130 | 10/11/21 10:32 | 10/12/21 04:16 | 1 |
| o-Terphenyl | 98 | | 70 - 130 | 10/11/21 10:32 | 10/12/21 04:16 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 934 | | 4.99 | | mg/Kg | | | 10/13/21 02:07 | 1 |

Client Sample ID: T-3 (5)

Lab Sample ID: 890-1384-17

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:23 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:23 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 06:23 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (5)

Lab Sample ID: 890-1384-17

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 06:23 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 04:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 04:37 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 04:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 04:37 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 04:37 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 787 | | 4.97 | | mg/Kg | | | 10/13/21 02:14 | 1 |

Client Sample ID: T-3 (6)

Lab Sample ID: 890-1384-18

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:44 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:44 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 06:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 136 | S1+ | 70 - 130 | 10/11/21 10:30 | 10/14/21 06:44 | 1 |
| 1,4-Difluorobenzene (Surr) | 76 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 06:44 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (6)

Lab Sample ID: 890-1384-18

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 6

Method: 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 | | 10/11/21 10:32 | 10/12/21 04:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 04:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 04:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 92 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 04:58 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 04:58 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 1040 | | 5.00 | | mg/Kg | | | 10/13/21 02:21 | 1 |

Client Sample ID: T-3 (7)

Lab Sample ID: 890-1384-19

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 7

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 132 | S1+ | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 07:04 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 05:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 05:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 05:19 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 05:19 | 1 |
| o-Terphenyl | 107 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 05:19 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (7)

Lab Sample ID: 890-1384-19

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 7

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 406 | | 4.95 | | mg/Kg | | | 10/13/21 02:43 | 1 |

Client Sample ID: T-3 (8)

Lab Sample ID: 890-1384-20

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 8

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 142 | S1+ | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 07:24 | 1 |

Method: 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 | | | 10/13/21 13:00 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:32 | 10/12/21 05:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 05:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:32 | 10/12/21 05:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 91 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 05:40 | 1 |
| o-Terphenyl | 102 | | 70 - 130 | | | | 10/11/21 10:32 | 10/12/21 05:40 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 397 | | 25.2 | | mg/Kg | | | 10/13/21 02:50 | 5 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (0-1)

Lab Sample ID: 890-1384-21

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------|----------------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U F1 F2 | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:45 | 1 |
| Toluene | <0.00200 | U F1 F2 | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:45 | 1 |
| Ethylbenzene | <0.00200 | U F1 F2 | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:45 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U F1 F2 | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:45 | 1 |
| o-Xylene | 0.00726 | F1 F2 | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:45 | 1 |
| Xylenes, Total | 0.00726 | F1 F2 | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:45 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 83 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 11:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 87 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 11:45 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------|----------------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.00726 | | 0.00401 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|-------------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 62.8 | | 49.9 | | mg/Kg | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/11/21 21:53 | 1 |
| Diesel Range Organics (Over C10-C28) | 62.8 | | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 21:53 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 21:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 108 | | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 21:53 | 1 |
| o-Terphenyl | 121 | | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 21:53 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 109 | | 5.00 | | mg/Kg | | | 10/13/21 03:11 | 1 |

Client Sample ID: T-4 (1)

Lab Sample ID: 890-1384-22

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------|----------------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:06 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:06 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:06 | 1 |
| m-Xylene & p-Xylene | 0.00690 | | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:06 | 1 |
| o-Xylene | 0.0247 | | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:06 | 1 |
| Xylenes, Total | 0.0316 | | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 12:06 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (1)

Lab Sample ID: 890-1384-22

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 12:06 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.0316 | | 0.00398 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 669 | | 49.8 | | mg/Kg | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/11/21 22:57 | 1 |
| Diesel Range Organics (Over C10-C28) | 584 | | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 22:57 | 1 |
| Oil Range Organics (Over C28-C36) | 85.2 | | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 22:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 22:57 | 1 |
| o-Terphenyl | 123 | | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 22:57 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 1130 | | 4.98 | | mg/Kg | | | 10/13/21 03:19 | 1 |

Client Sample ID: T-4 (2)

Lab Sample ID: 890-1384-23

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |
| Ethylbenzene | 0.00772 | | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |
| o-Xylene | 0.00262 | | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 12:27 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.0103 | | 0.00398 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (2)

Lab Sample ID: 890-1384-23

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 465 | | 49.9 | | mg/Kg | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/11/21 23:19 | 1 |
| Diesel Range Organics (Over C10-C28) | 407 | | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 23:19 | 1 |
| Oil Range Organics (Over C28-C36) | 58.2 | | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 23:19 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 112 | | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 23:19 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 23:19 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 1090 | | 4.99 | | mg/Kg | | | 10/13/21 03:26 | 1 |

Client Sample ID: T-4 (3)

Lab Sample ID: 890-1384-24

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |
| Toluene | 0.00784 | | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |
| Ethylbenzene | 0.00499 | | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |
| o-Xylene | 0.205 | | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |
| Xylenes, Total | 0.205 | | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 127 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |
| 1,4-Difluorobenzene (Surr) | 82 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 12:47 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.218 | | 0.00398 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 964 | | 49.8 | | mg/Kg | | | 10/13/21 15:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | 96.2 | | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 23:40 | 1 |
| Diesel Range Organics (Over C10-C28) | 762 | | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 23:40 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (3)

Lab Sample ID: 890-1384-24

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | 106 | | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 23:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 120 | | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 23:40 | 1 |
| o-Terphenyl | 131 | S1+ | 70 - 130 | | | | 10/11/21 10:50 | 10/11/21 23:40 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 46.3 | | 5.04 | | mg/Kg | | | 10/13/21 03:33 | 1 |

Client Sample ID: T-4 (4)

Lab Sample ID: 890-1384-25

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |
| Toluene | 0.0711 | | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |
| Ethylbenzene | 0.142 | | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |
| m-Xylene & p-Xylene | 0.329 | | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |
| o-Xylene | 0.381 | | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |
| Xylenes, Total | 0.710 | | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 13:08 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.923 | | 0.00399 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 913 | | 49.9 | | mg/Kg | | | 10/13/21 15:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | 124 | | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:01 | 1 |
| Diesel Range Organics (Over C10-C28) | 688 | | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:01 | 1 |
| Oil Range Organics (Over C28-C36) | 101 | | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:01 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 106 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 00:01 | 1 |
| o-Terphenyl | 116 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 00:01 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (4)

Lab Sample ID: 890-1384-25

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 44.5 | | 5.01 | | mg/Kg | | | 10/13/21 03:40 | 1 |

Client Sample ID: T-4 (5)

Lab Sample ID: 890-1384-26

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |
| Ethylbenzene | 0.00458 | | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |
| m-Xylene & p-Xylene | 0.0157 | | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |
| o-Xylene | 0.383 | | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |
| Xylenes, Total | 0.399 | | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 13:29 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.403 | | 0.00400 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 635 | | 50.0 | | mg/Kg | | | 10/13/21 15:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | 65.2 | | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:23 | 1 |
| Diesel Range Organics (Over C10-C28) | 499 | | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:23 | 1 |
| Oil Range Organics (Over C28-C36) | 70.6 | | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 106 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 00:23 | 1 |
| o-Terphenyl | 120 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 00:23 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 733 | | 4.98 | | mg/Kg | | | 10/13/21 03:47 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (6)

Lab Sample ID: 890-1384-27

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:49 | 1 |
| Toluene | 0.247 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:49 | 1 |
| Ethylbenzene | 0.290 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:49 | 1 |
| m-Xylene & p-Xylene | 0.725 | | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:49 | 1 |
| o-Xylene | 0.00806 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:49 | 1 |
| Xylenes, Total | 0.733 | | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 13:49 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 13:49 | 1 |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 13:49 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 1.27 | | 0.00396 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 3630 | | 50.0 | | mg/Kg | | | 10/13/21 15:09 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | 930 | | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:44 | 1 |
| Diesel Range Organics (Over C10-C28) | 2420 | | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:44 | 1 |
| Oil Range Organics (Over C28-C36) | 280 | | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 00:44 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 133 | S1+ | 70 - 130 | 10/11/21 10:50 | 10/12/21 00:44 | 1 |
| o-Terphenyl | 131 | S1+ | 70 - 130 | 10/11/21 10:50 | 10/12/21 00:44 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 879 | | 4.96 | | mg/Kg | | | 10/13/21 03:54 | 1 |

Client Sample ID: T-4 (7)

Lab Sample ID: 890-1384-28

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 7

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |
| Toluene | 0.0340 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |
| Ethylbenzene | 0.0179 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |
| m-Xylene & p-Xylene | 0.102 | | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |
| o-Xylene | 0.279 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |
| Xylenes, Total | 0.381 | | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (7)

Lab Sample ID: 890-1384-28

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 7

| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 128 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |
| 1,4-Difluorobenzene (Surr) | 110 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 14:10 | 1 |
| Method: Total BTEX - Total BTEX Calculation | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | 0.433 | | 0.00397 | | mg/Kg | | | 10/13/21 16:28 | 1 |
| Method: 8015 NM - Diesel Range Organics (DRO) (GC) | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | 222 | | 49.8 | | mg/Kg | | | 10/13/21 15:09 | 1 |
| Method: 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 | | 10/11/21 10:50 | 10/12/21 01:05 | 1 |
| Diesel Range Organics (Over C10-C28) | 222 | | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 01:05 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 01:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 103 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 01:05 | 1 |
| o-Terphenyl | 113 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 01:05 | 1 |
| Method: 300.0 - Anions, Ion Chromatography - Soluble | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 23.3 | | 4.99 | | mg/Kg | | | 10/12/21 18:36 | 1 |

Client Sample ID: T-4 (8)

Lab Sample ID: 890-1384-29

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 8

| Method: 8021B - Volatile Organic Compounds (GC) | | | | | | | | | |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| Toluene | 0.00239 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| o-Xylene | 0.0356 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| Xylenes, Total | 0.0356 | | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 14:31 | 1 |
| Method: Total BTEX - Total BTEX Calculation | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | 0.0380 | | 0.00397 | | mg/Kg | | | 10/13/21 16:28 | 1 |
| Method: 8015 NM - Diesel Range Organics (DRO) (GC) | | | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | 136 | | 49.9 | | mg/Kg | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (8)

Lab Sample ID: 890-1384-29

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 8

Method: 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 | | 10/11/21 10:50 | 10/12/21 01:27 | 1 |
| Diesel Range Organics (Over C10-C28) | 136 | | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 01:27 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 01:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 105 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 01:27 | 1 |
| o-Terphenyl | 116 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 01:27 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 435 | | 4.96 | | mg/Kg | | | 10/12/21 18:43 | 1 |

Client Sample ID: T-4 (9)

Lab Sample ID: 890-1384-30

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 9

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |
| Toluene | 0.00338 | | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 85 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |
| 1,4-Difluorobenzene (Surr) | 85 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 14:52 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 01:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 01:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 01:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 108 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 01:48 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 01:48 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (9)

Lab Sample ID: 890-1384-30

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 9

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 42.0 | F1 | 5.05 | | mg/Kg | | | 10/12/21 18:49 | 1 |

Client Sample ID: T-4 (10)

Lab Sample ID: 890-1384-31

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |
| 1,4-Difluorobenzene (Surr) | 129 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 16:14 | 1 |

Method: 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 | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 02:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 02:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 02:30 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 107 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 02:30 | 1 |
| o-Terphenyl | 120 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 02:30 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 15.8 | | 4.95 | | mg/Kg | | | 10/12/21 19:08 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (11)

Lab Sample ID: 890-1384-32

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 11

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:35 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:35 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:35 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:35 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:35 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:35 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 84 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 16:35 | 1 |
| 1,4-Difluorobenzene (Surr) | 126 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 16:35 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 02:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 02:51 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 02:51 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 110 | | 70 - 130 | 10/11/21 10:50 | 10/12/21 02:51 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | 10/11/21 10:50 | 10/12/21 02:51 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 371 | | 5.04 | | mg/Kg | | | 10/12/21 19:15 | 1 |

Client Sample ID: T-4 (12)

Lab Sample ID: 890-1384-33

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 12

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:55 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:55 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:55 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:55 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:55 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 16:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 81 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 16:55 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (12)

Lab Sample ID: 890-1384-33

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 12

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 16:55 | 1 |

Method: 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 | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 03:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 03:12 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 03:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 116 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 03:12 | 1 |
| o-Terphenyl | 131 | S1+ | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 03:12 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 156 | | 4.98 | | mg/Kg | | | 10/12/21 19:34 | 1 |

Client Sample ID: T-5 (0-1)

Lab Sample ID: 890-1384-34

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:16 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:16 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:16 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:16 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:16 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 17:16 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 17:16 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 69.5 | | 49.8 | | mg/Kg | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (0-1)

Lab Sample ID: 890-1384-34

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 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 | | 10/11/21 10:50 | 10/12/21 03:33 | 1 |
| Diesel Range Organics (Over C10-C28) | 69.5 | | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 03:33 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 03:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 03:33 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 03:33 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 131 | | 5.00 | | mg/Kg | | | 10/12/21 19:40 | 1 |

Client Sample ID: T-5 (1)

Lab Sample ID: 890-1384-35

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 17:37 | 1 |

Method: 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 | | | 10/13/21 16:28 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 278 | | 50.0 | | mg/Kg | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 03:54 | 1 |
| Diesel Range Organics (Over C10-C28) | 278 | | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 03:54 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 03:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 105 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 03:54 | 1 |
| o-Terphenyl | 118 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 03:54 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (1)

Lab Sample ID: 890-1384-35

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 24.1 | | 4.99 | | mg/Kg | | | 10/12/21 19:46 | 1 |

Client Sample ID: T-5 (2)

Lab Sample ID: 890-1384-36

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |
| 1,4-Difluorobenzene (Surr) | 117 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 17:58 | 1 |

Method: 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 | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 04:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 04:16 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 04:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 101 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 04:16 | 1 |
| o-Terphenyl | 114 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 04:16 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 253 | | 4.95 | | mg/Kg | | | 10/12/21 19:53 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (3)

Lab Sample ID: 890-1384-37

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:18 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:18 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:18 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 18:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 18:18 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 04:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 04:37 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 04:37 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 107 | | 70 - 130 | 10/11/21 10:50 | 10/12/21 04:37 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | 10/11/21 10:50 | 10/12/21 04:37 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 90.3 | | 5.00 | | mg/Kg | | | 10/12/21 20:00 | 1 |

Client Sample ID: T-5 (4)

Lab Sample ID: 890-1384-38

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:39 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:39 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:39 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:39 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:39 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 18:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 18:39 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (4)

Lab Sample ID: 890-1384-38

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 117 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 18:39 | 1 |

Method: 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 | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 04:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 04:58 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 04:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 108 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 04:58 | 1 |
| o-Terphenyl | 123 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 04:58 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 191 | | 5.04 | | mg/Kg | | | 10/12/21 20:06 | 1 |

Client Sample ID: T-5 (5)

Lab Sample ID: 890-1384-39

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:00 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:00 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:00 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:00 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:00 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:00 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 19:00 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 19:00 | 1 |

Method: 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 | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (5)

Lab Sample ID: 890-1384-39

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

Method: 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 | | 10/11/21 10:50 | 10/12/21 05:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 05:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 05:19 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 106 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 05:19 | 1 |
| o-Terphenyl | 120 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 05:19 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 958 | | 4.97 | | mg/Kg | | | 10/12/21 20:13 | 1 |

Client Sample ID: T-5 (6)

Lab Sample ID: 890-1384-40

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 78 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |
| 1,4-Difluorobenzene (Surr) | 113 | | 70 - 130 | | | | 10/11/21 10:30 | 10/14/21 19:20 | 1 |

Method: 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 | | | 10/13/21 16:28 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 10:50 | 10/12/21 05:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 05:40 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 10:50 | 10/12/21 05:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 100 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 05:40 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | | | | 10/11/21 10:50 | 10/12/21 05:40 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (6)

Lab Sample ID: 890-1384-40

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 6

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 470 | | 5.00 | | mg/Kg | | | 10/13/21 09:15 | 1 |

Client Sample ID: T-5 (7)

Lab Sample ID: 890-1384-41

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 7

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 | | | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | | | | 10/11/21 11:45 | 10/14/21 22:54 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/11/21 21:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 21:26 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 21:26 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 94 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 21:26 | 1 |
| o-Terphenyl | 108 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 21:26 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3410 | | 25.2 | | mg/Kg | | | 10/13/21 09:36 | 5 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (8)

Lab Sample ID: 890-1384-42

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 8

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:15 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:15 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:15 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:15 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:15 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:15 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 137 | S1+ | 70 - 130 | 10/11/21 11:45 | 10/14/21 23:15 | 1 |
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | 10/11/21 11:45 | 10/14/21 23:15 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/11/21 22:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 22:27 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 22:27 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 94 | | 70 - 130 | 10/11/21 13:34 | 10/11/21 22:27 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | 10/11/21 13:34 | 10/11/21 22:27 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 2600 | | 49.9 | | mg/Kg | | | 10/13/21 09:44 | 10 |

Client Sample ID: T-5 (9)

Lab Sample ID: 890-1384-43

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 9

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:35 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:35 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 139 | S1+ | 70 - 130 | 10/11/21 11:45 | 10/14/21 23:35 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (9)

Lab Sample ID: 890-1384-43

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 9

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | 10/11/21 11:45 | 10/14/21 23:35 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/11/21 22:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 22:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 22:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 96 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 22:48 | 1 |
| o-Terphenyl | 110 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 22:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3360 | | 24.9 | | mg/Kg | | | 10/13/21 09:51 | 5 |

Client Sample ID: T-5 (10)

Lab Sample ID: 890-1384-44

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:56 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:56 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:56 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:56 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:56 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 23:56 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 132 | S1+ | 70 - 130 | 10/11/21 11:45 | 10/14/21 23:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | 10/11/21 11:45 | 10/14/21 23:56 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (10)

Lab Sample ID: 890-1384-44

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 10

Method: 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 | | 10/11/21 13:34 | 10/11/21 23:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 23:08 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 23:08 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 94 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 23:08 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 23:08 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 3850 | | 24.8 | | mg/Kg | | | 10/13/21 09:58 | 5 |

Client Sample ID: T-6 (0-1)

Lab Sample ID: 890-1384-45

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 00:16 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 1400 | | 49.9 | | mg/Kg | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/11/21 23:29 | 1 |
| Diesel Range Organics (Over C10-C28) | 1090 | | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 23:29 | 1 |
| Oil Range Organics (Over C28-C36) | 308 | | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 23:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 99 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 23:29 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 23:29 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (0-1)

Lab Sample ID: 890-1384-45

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 232 | | 5.05 | | mg/Kg | | | 10/13/21 15:29 | 1 |

Client Sample ID: T-6 (1)

Lab Sample ID: 890-1384-46

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 00:36 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 73.7 | | 50.0 | | mg/Kg | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/11/21 23:49 | 1 |
| Diesel Range Organics (Over C10-C28) | 73.7 | | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 23:49 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 23:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 23:49 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 23:49 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 38.6 | | 4.98 | | mg/Kg | | | 10/13/21 15:42 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (2)

Lab Sample ID: 890-1384-47

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:57 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:57 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 00:57 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 00:57 | 1 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 00:57 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 00:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 00:09 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 00:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 93 | | 70 - 130 | 10/11/21 13:34 | 10/12/21 00:09 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | 10/11/21 13:34 | 10/12/21 00:09 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 53.9 | | 4.95 | | mg/Kg | | | 10/13/21 15:49 | 1 |

Client Sample ID: T-6 (3)

Lab Sample ID: 890-1384-48

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:17 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:17 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:17 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:17 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:17 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:17 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 01:17 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (3)

Lab Sample ID: 890-1384-48

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 86 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 01:17 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 00:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 00:29 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 00:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 00:29 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 00:29 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 65.3 | | 4.99 | | mg/Kg | | | 10/13/21 15:56 | 1 |

Client Sample ID: T-6 (4)

Lab Sample ID: 890-1384-49

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:38 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:38 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:38 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:38 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:38 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 138 | S1+ | 70 - 130 | 10/11/21 11:45 | 10/15/21 01:38 | 1 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 01:38 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (4)

Lab Sample ID: 890-1384-49

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 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 | | 10/11/21 13:34 | 10/12/21 00:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 00:49 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 00:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 00:49 | 1 |
| o-Terphenyl | 107 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 00:49 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 76.9 | | 4.98 | | mg/Kg | | | 10/13/21 16:04 | 1 |

Client Sample ID: T-6 (5)

Lab Sample ID: 890-1384-50

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 131 | S1+ | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |
| 1,4-Difluorobenzene (Surr) | 72 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 01:58 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 01:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 01:09 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 01:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 01:09 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 01:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (5)

Lab Sample ID: 890-1384-50

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 5

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 58.6 | | 4.95 | | mg/Kg | | | 10/13/21 16:11 | 1 |

Client Sample ID: T-6 (6)

Lab Sample ID: 890-1384-51

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 131 | S1+ | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 03:20 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 01:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 01:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 01:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 01:48 | 1 |
| o-Terphenyl | 100 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 01:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 27.0 | | 5.00 | | mg/Kg | | | 10/13/21 16:33 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (7)

Lab Sample ID: 890-1384-52

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 7

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:41 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:41 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:41 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:41 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:41 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 03:41 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 130 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 03:41 | 1 |
| 1,4-Difluorobenzene (Surr) | 76 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 03:41 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 02:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 02:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 02:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 95 | | 70 - 130 | 10/11/21 13:34 | 10/12/21 02:08 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | 10/11/21 13:34 | 10/12/21 02:08 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 838 | | 5.01 | | mg/Kg | | | 10/13/21 16:40 | 1 |

Client Sample ID: T-6 (8)

Lab Sample ID: 890-1384-53

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 8

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:01 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:01 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:01 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:01 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:01 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 126 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 04:01 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (8)

Lab Sample ID: 890-1384-53

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 8

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 04:01 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 144 | | 49.9 | | mg/Kg | | | 10/13/21 15:09 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 02:28 | 1 |
| Diesel Range Organics (Over C10-C28) | 144 | | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 02:28 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 02:28 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 02:28 | 1 |
| o-Terphenyl | 104 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 02:28 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 414 | | 4.97 | | mg/Kg | | | 10/13/21 17:01 | 1 |

Client Sample ID: T-6 (9)

Lab Sample ID: 890-1384-54

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 9

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:21 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:21 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:21 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:21 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:21 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:21 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 04:21 | 1 |
| 1,4-Difluorobenzene (Surr) | 73 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 04:21 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:09 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (9)

Lab Sample ID: 890-1384-54

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 9

Method: 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 | | 10/11/21 13:34 | 10/12/21 02:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 02:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 02:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 02:48 | 1 |
| o-Terphenyl | 107 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 02:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 169 | | 4.98 | | mg/Kg | | | 10/13/21 18:32 | 1 |

Client Sample ID: T-6 (10)

Lab Sample ID: 890-1384-55

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |
| 1,4-Difluorobenzene (Surr) | 74 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 04:42 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:17 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 03:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 03:08 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 03:08 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 96 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 03:08 | 1 |
| o-Terphenyl | 109 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 03:08 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (10)

Lab Sample ID: 890-1384-55

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 10

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 1830 | | 25.0 | | mg/Kg | | | 10/13/21 18:39 | 5 |

Client Sample ID: T-6 (11)

Lab Sample ID: 890-1384-56

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 11

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 126 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 71 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 05:02 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:17 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 03:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 03:28 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 03:28 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 96 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 03:28 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 03:28 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 1080 | | 4.95 | | mg/Kg | | | 10/13/21 18:46 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-7 (0-1)

Lab Sample ID: 890-1384-57

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 0

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:23 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:23 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:23 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:23 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:23 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 138 | S1+ | 70 - 130 | 10/11/21 11:45 | 10/15/21 05:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 76 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 05:23 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/14/21 10:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 58.1 | | 49.8 | | mg/Kg | | | 10/13/21 15:17 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 03:48 | 1 |
| Diesel Range Organics (Over C10-C28) | 58.1 | | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 03:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 03:48 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 96 | | 70 - 130 | 10/11/21 13:34 | 10/12/21 03:48 | 1 |
| o-Terphenyl | 107 | | 70 - 130 | 10/11/21 13:34 | 10/12/21 03:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 215 | | 4.96 | | mg/Kg | | | 10/13/21 18:54 | 1 |

Client Sample ID: T-7 (1)

Lab Sample ID: 890-1384-58

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:43 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:43 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:43 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:43 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:43 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 05:43 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 121 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 05:43 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-7 (1)

Lab Sample ID: 890-1384-58

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 1

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

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 05:43 | 1 |

Method: 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 | | | 10/14/21 10:53 | 1 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 82.1 | | 49.8 | | mg/Kg | | | 10/13/21 15:17 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 04:08 | 1 |
| Diesel Range Organics (Over C10-C28) | 82.1 | | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 04:08 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 04:08 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 04:08 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 04:08 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 279 | | 4.97 | | mg/Kg | | | 10/13/21 19:01 | 1 |

Client Sample ID: T-7 (2)

Lab Sample ID: 890-1384-59

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:04 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:04 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 06:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | 10/11/21 11:45 | 10/15/21 06:04 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:17 | 1 |

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-7 (2)

Lab Sample ID: 890-1384-59

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 2

Method: 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 | | 10/11/21 13:34 | 10/12/21 04:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 04:28 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 04:28 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 97 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 04:28 | 1 |
| o-Terphenyl | 109 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 04:28 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 44.4 | | 5.00 | | mg/Kg | | | 10/13/21 19:08 | 1 |

Client Sample ID: T-7 (3)

Lab Sample ID: 890-1384-60

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |
| Ethylbenzene | 0.00609 | | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 138 | S1+ | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |
| 1,4-Difluorobenzene (Surr) | 88 | | 70 - 130 | | | | 10/11/21 11:45 | 10/15/21 06:24 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|---------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.00609 | | 0.00399 | | mg/Kg | | | 10/14/21 10:53 | 1 |

Method: 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 | | | 10/13/21 15:17 | 1 |

Method: 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 | | 10/11/21 13:34 | 10/12/21 04:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 04:48 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 13:34 | 10/12/21 04:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 93 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 04:48 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | | | | 10/11/21 13:34 | 10/12/21 04:48 | 1 |

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-7 (3)

Lab Sample ID: 890-1384-60

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 63.6 | | 4.95 | | mg/Kg | | | 10/14/21 14:39 | 1 |

Client Sample ID: T-7 (4)

Lab Sample ID: 890-1384-61

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U F2 F1 | 0.00199 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |
| Toluene | <0.00199 | U F2 F1 | 0.00199 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |
| Ethylbenzene | <0.00199 | U F2 F1 | 0.00199 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U F1 | 0.00398 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |
| o-Xylene | <0.00199 | U F1 | 0.00199 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |
| Xylenes, Total | <0.00398 | U F1 | 0.00398 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | | | | 10/11/21 10:24 | 10/13/21 00:29 | 1 |

Method: 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 | | | 10/12/21 10:57 | 1 |

Method: 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 | | | 10/13/21 15:17 | 1 |

Method: 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 | | 10/11/21 15:52 | 10/12/21 06:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 15:52 | 10/12/21 06:30 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/11/21 15:52 | 10/12/21 06:30 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 104 | | 70 - 130 | | | | 10/11/21 15:52 | 10/12/21 06:30 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | | | | 10/11/21 15:52 | 10/12/21 06:30 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 294 | | 5.00 | | mg/Kg | | | 10/14/21 14:44 | 1 |

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County 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) |
| 890-1384-1 | T-1 (0-1) | 139 S1+ | 77 |
| 890-1384-1 MS | T-1 (0-1) | 123 | 83 |
| 890-1384-1 MSD | T-1 (0-1) | 130 | 82 |
| 890-1384-2 | T-1 (1) | 132 S1+ | 73 |
| 890-1384-3 | T-1 (2) | 136 S1+ | 71 |
| 890-1384-4 | T-1 (3) | 135 S1+ | 77 |
| 890-1384-5 | T-1 (4) | 126 | 75 |
| 890-1384-6 | T-1 (5) | 130 | 74 |
| 890-1384-7 | T-2 (0-1) | 137 S1+ | 76 |
| 890-1384-8 | T-2 (1) | 155 S1+ | 78 |
| 890-1384-9 | T-2 (2) | 119 | 78 |
| 890-1384-10 | T-2 (3) | 144 S1+ | 76 |
| 890-1384-11 | T-2 (4) | 123 | 79 |
| 890-1384-12 | T-3 (0-1) | 132 S1+ | 77 |
| 890-1384-13 | T-3 (1) | 123 | 77 |
| 890-1384-14 | T-3 (2) | 126 | 70 |
| 890-1384-15 | T-3 (3) | 142 S1+ | 73 |
| 890-1384-16 | T-3 (4) | 141 S1+ | 71 |
| 890-1384-17 | T-3 (5) | 129 | 73 |
| 890-1384-18 | T-3 (6) | 136 S1+ | 76 |
| 890-1384-19 | T-3 (7) | 132 S1+ | 75 |
| 890-1384-20 | T-3 (8) | 142 S1+ | 77 |
| 890-1384-21 | T-4 (0-1) | 83 | 87 |
| 890-1384-21 MS | T-4 (0-1) | 116 | 106 |
| 890-1384-21 MSD | T-4 (0-1) | 85 | 88 |
| 890-1384-22 | T-4 (1) | 106 | 75 |
| 890-1384-23 | T-4 (2) | 103 | 90 |
| 890-1384-24 | T-4 (3) | 127 | 82 |
| 890-1384-25 | T-4 (4) | 97 | 73 |
| 890-1384-26 | T-4 (5) | 108 | 95 |
| 890-1384-27 | T-4 (6) | 106 | 80 |
| 890-1384-28 | T-4 (7) | 128 | 110 |
| 890-1384-29 | T-4 (8) | 93 | 96 |
| 890-1384-30 | T-4 (9) | 85 | 85 |
| 890-1384-31 | T-4 (10) | 94 | 129 |
| 890-1384-32 | T-4 (11) | 84 | 126 |
| 890-1384-33 | T-4 (12) | 81 | 104 |
| 890-1384-34 | T-5 (0-1) | 90 | 96 |
| 890-1384-35 | T-5 (1) | 97 | 90 |
| 890-1384-36 | T-5 (2) | 88 | 117 |
| 890-1384-37 | T-5 (3) | 105 | 107 |
| 890-1384-38 | T-5 (4) | 105 | 117 |
| 890-1384-39 | T-5 (5) | 91 | 96 |
| 890-1384-40 | T-5 (6) | 78 | 113 |
| 890-1384-41 | T-5 (7) | 129 | 77 |
| 890-1384-41 MS | T-5 (7) | 128 | 75 |
| 890-1384-41 MSD | T-5 (7) | 130 | 82 |
| 890-1384-42 | T-5 (8) | 137 S1+ | 79 |
| 890-1384-43 | T-5 (9) | 139 S1+ | 79 |

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|-------------------|------------------------|--|-------------------|
| | | BFB1 (70-130) | DFBZ1 (70-130) |
| 890-1384-44 | T-5 (10) | 132 S1+ | 75 |
| 890-1384-45 | T-6 (0-1) | 129 | 80 |
| 890-1384-46 | T-6 (1) | 121 | 78 |
| 890-1384-47 | T-6 (2) | 129 | 83 |
| 890-1384-48 | T-6 (3) | 115 | 86 |
| 890-1384-49 | T-6 (4) | 138 S1+ | 83 |
| 890-1384-50 | T-6 (5) | 131 S1+ | 72 |
| 890-1384-51 | T-6 (6) | 131 S1+ | 75 |
| 890-1384-52 | T-6 (7) | 130 | 76 |
| 890-1384-53 | T-6 (8) | 126 | 75 |
| 890-1384-54 | T-6 (9) | 103 | 73 |
| 890-1384-55 | T-6 (10) | 121 | 74 |
| 890-1384-56 | T-6 (11) | 126 | 71 |
| 890-1384-57 | T-7 (0-1) | 138 S1+ | 76 |
| 890-1384-58 | T-7 (1) | 121 | 78 |
| 890-1384-59 | T-7 (2) | 111 | 77 |
| 890-1384-60 | T-7 (3) | 138 S1+ | 88 |
| 890-1384-61 | T-7 (4) | 108 | 78 |
| 890-1384-61 MS | T-7 (4) | 118 | 94 |
| 890-1384-61 MSD | T-7 (4) | 116 | 83 |
| LCS 880-9107/1-A | Lab Control Sample | 116 | 76 |
| LCS 880-9120/1-A | Lab Control Sample | 116 | 80 |
| LCS 880-9121/1-A | Lab Control Sample | 88 | 102 |
| LCS 880-9202/1-A | Lab Control Sample | 117 | 79 |
| LCSD 880-9107/2-A | Lab Control Sample Dup | 118 | 89 |
| LCSD 880-9120/2-A | Lab Control Sample Dup | 119 | 82 |
| LCSD 880-9202/2-A | Lab Control Sample Dup | 118 | 80 |
| MB 880-8942/5-B | Method Blank | 112 | 79 |
| MB 880-9107/5-A | Method Blank | 113 | 76 |
| MB 880-9119/5-A | Method Blank | 103 | 79 |
| MB 880-9120/5-A | Method Blank | 104 | 80 |
| MB 880-9121/5-A | Method Blank | 120 | 101 |
| MB 880-9202/5-A | Method Blank | 104 | 77 |
| MB 880-9327/5-A | Method Blank | 110 | 71 |
| MB 880-9367/5-A | Method Blank | 101 | 100 |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|-------------------|------------------------|--|-------|
| | | BFB1 | DFBZ1 |
| LCSD 880-9121/2-A | Lab Control Sample Dup | | |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 890-1384-1

Project/Site: Caballo Section 23 TB

SDG: Lea County NM

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|-----------------|------------------|--|-------------------|
| | | 1CO1 (70-130) | OTPH1 (70-130) |
| 890-1384-1 | T-1 (0-1) | 94 | 102 |
| 890-1384-1 MS | T-1 (0-1) | 88 | 90 |
| 890-1384-1 MSD | T-1 (0-1) | 90 | 90 |
| 890-1384-2 | T-1 (1) | 95 | 104 |
| 890-1384-3 | T-1 (2) | 92 | 102 |
| 890-1384-4 | T-1 (3) | 98 | 107 |
| 890-1384-5 | T-1 (4) | 91 | 99 |
| 890-1384-6 | T-1 (5) | 90 | 99 |
| 890-1384-7 | T-2 (0-1) | 85 | 94 |
| 890-1384-8 | T-2 (1) | 90 | 97 |
| 890-1384-9 | T-2 (2) | 97 | 104 |
| 890-1384-10 | T-2 (3) | 88 | 97 |
| 890-1384-11 | T-2 (4) | 93 | 103 |
| 890-1384-12 | T-3 (0-1) | 101 | 112 |
| 890-1384-13 | T-3 (1) | 65 S1- | 72 |
| 890-1384-14 | T-3 (2) | 91 | 101 |
| 890-1384-15 | T-3 (3) | 95 | 106 |
| 890-1384-16 | T-3 (4) | 89 | 98 |
| 890-1384-17 | T-3 (5) | 97 | 105 |
| 890-1384-18 | T-3 (6) | 92 | 103 |
| 890-1384-19 | T-3 (7) | 95 | 107 |
| 890-1384-20 | T-3 (8) | 91 | 102 |
| 890-1384-21 | T-4 (0-1) | 108 | 121 |
| 890-1384-21 MS | T-4 (0-1) | 107 | 108 |
| 890-1384-21 MSD | T-4 (0-1) | 107 | 107 |
| 890-1384-22 | T-4 (1) | 109 | 123 |
| 890-1384-23 | T-4 (2) | 112 | 122 |
| 890-1384-24 | T-4 (3) | 120 | 131 S1+ |
| 890-1384-25 | T-4 (4) | 106 | 116 |
| 890-1384-26 | T-4 (5) | 106 | 120 |
| 890-1384-27 | T-4 (6) | 133 S1+ | 131 S1+ |
| 890-1384-28 | T-4 (7) | 103 | 113 |
| 890-1384-29 | T-4 (8) | 105 | 116 |
| 890-1384-30 | T-4 (9) | 108 | 122 |
| 890-1384-31 | T-4 (10) | 107 | 120 |
| 890-1384-32 | T-4 (11) | 110 | 122 |
| 890-1384-33 | T-4 (12) | 116 | 131 S1+ |
| 890-1384-34 | T-5 (0-1) | 109 | 122 |
| 890-1384-35 | T-5 (1) | 105 | 118 |
| 890-1384-36 | T-5 (2) | 101 | 114 |
| 890-1384-37 | T-5 (3) | 107 | 122 |
| 890-1384-38 | T-5 (4) | 108 | 123 |
| 890-1384-39 | T-5 (5) | 106 | 120 |
| 890-1384-40 | T-5 (6) | 100 | 115 |
| 890-1384-41 | T-5 (7) | 94 | 108 |
| 890-1384-41 MS | T-5 (7) | 117 | 118 |
| 890-1384-41 MSD | T-5 (7) | 113 | 110 |
| 890-1384-42 | T-5 (8) | 94 | 105 |
| 890-1384-43 | T-5 (9) | 96 | 110 |
| 890-1384-44 | T-5 (10) | 94 | 106 |

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Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 890-1384-1

Project/Site: Caballo Section 23 TB

SDG: Lea County 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) |
| 890-1384-45 | T-6 (0-1) | 99 | 103 |
| 890-1384-46 | T-6 (1) | 95 | 105 |
| 890-1384-47 | T-6 (2) | 93 | 103 |
| 890-1384-48 | T-6 (3) | 95 | 106 |
| 890-1384-49 | T-6 (4) | 97 | 107 |
| 890-1384-50 | T-6 (5) | 95 | 103 |
| 890-1384-51 | T-6 (6) | 90 | 100 |
| 890-1384-52 | T-6 (7) | 95 | 105 |
| 890-1384-53 | T-6 (8) | 97 | 104 |
| 890-1384-54 | T-6 (9) | 97 | 107 |
| 890-1384-55 | T-6 (10) | 96 | 109 |
| 890-1384-56 | T-6 (11) | 96 | 106 |
| 890-1384-57 | T-7 (0-1) | 96 | 107 |
| 890-1384-58 | T-7 (1) | 95 | 103 |
| 890-1384-59 | T-7 (2) | 97 | 109 |
| 890-1384-60 | T-7 (3) | 93 | 103 |
| 890-1384-61 | T-7 (4) | 104 | 115 |
| 890-1384-61 MS | T-7 (4) | 95 | 92 |
| 890-1384-61 MSD | T-7 (4) | 110 | 112 |
| LCS 880-9190/2-A | Lab Control Sample | 102 | 105 |
| LCS 880-9191/2-A | Lab Control Sample | 92 | 92 |
| LCS 880-9215/2-A | Lab Control Sample | 83 | 82 |
| LCS 880-9249/2-A | Lab Control Sample | 88 | 85 |
| LCSD 880-9190/3-A | Lab Control Sample Dup | 91 | 95 |
| LCSD 880-9191/3-A | Lab Control Sample Dup | 87 | 90 |
| LCSD 880-9215/3-A | Lab Control Sample Dup | 92 | 89 |
| LCSD 880-9249/3-A | Lab Control Sample Dup | 93 | 92 |
| MB 880-9190/1-A | Method Blank | 95 | 108 |
| MB 880-9191/1-A | Method Blank | 109 | 126 |
| MB 880-9215/1-A | Method Blank | 100 | 113 |
| MB 880-9249/1-A | Method Blank | 104 | 121 |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-8942/5-B

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8942

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 16:18 | 10/12/21 13:02 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 16:18 | 10/12/21 13:02 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 16:18 | 10/12/21 13:02 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 16:18 | 10/12/21 13:02 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 16:18 | 10/12/21 13:02 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 16:18 | 10/12/21 13:02 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 | 10/11/21 16:18 | 10/12/21 13:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | 10/11/21 16:18 | 10/12/21 13:02 | 1 |

Lab Sample ID: MB 880-9107/5-A

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9107

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:07 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:07 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:07 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:24 | 10/13/21 00:07 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | 10/11/21 10:24 | 10/13/21 00:07 | 1 |
| 1,4-Difluorobenzene (Surr) | 76 | | 70 - 130 | 10/11/21 10:24 | 10/13/21 00:07 | 1 |

Lab Sample ID: LCS 880-9107/1-A

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9107

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|-------------|------------|---------------|-------|---|------|--------------|
| Benzene | 0.100 | 0.08696 | | mg/Kg | | 87 | 70 - 130 |
| Toluene | 0.100 | 0.09149 | | mg/Kg | | 91 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09658 | | mg/Kg | | 97 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.2006 | | mg/Kg | | 100 | 70 - 130 |
| o-Xylene | 0.100 | 0.1008 | | mg/Kg | | 101 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 76 | | 70 - 130 |

Lab Sample ID: LCSD 880-9107/2-A

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9107

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|---------|-------------|-------------|----------------|-------|---|------|--------------|-----|-------|
| Benzene | 0.100 | 0.09585 | | mg/Kg | | 96 | 70 - 130 | 10 | 35 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-9107/2-A

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9107

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Toluene | 0.100 | 0.09537 | | mg/Kg | | 95 | 70 - 130 | 4 | 35 |
| Ethylbenzene | 0.100 | 0.09761 | | mg/Kg | | 98 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2048 | | mg/Kg | | 102 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.1041 | | mg/Kg | | 104 | 70 - 130 | 3 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 |

Lab Sample ID: 890-1384-61 MS

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: T-7 (4)

Prep Type: Total/NA

Prep Batch: 9107

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Benzene | <0.00199 | U F2 F1 | 0.101 | 0.006995 | F1 | mg/Kg | | 7 | 70 - 130 |
| Toluene | <0.00199 | U F2 F1 | 0.101 | 0.003884 | F1 | mg/Kg | | 3 | 70 - 130 |
| Ethylbenzene | <0.00199 | U F2 F1 | 0.101 | 0.03125 | F1 | mg/Kg | | 31 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U F1 | 0.202 | 0.09985 | F1 | mg/Kg | | 50 | 70 - 130 |
| o-Xylene | <0.00199 | U F1 | 0.101 | 0.05300 | F1 | mg/Kg | | 53 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 |

Lab Sample ID: 890-1384-61 MSD

Matrix: Solid

Analysis Batch: 9282

Client Sample ID: T-7 (4)

Prep Type: Total/NA

Prep Batch: 9107

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Benzene | <0.00199 | U F2 F1 | 0.100 | 0.06467 | F2 F1 | mg/Kg | | 65 | 70 - 130 | 161 | 35 |
| Toluene | <0.00199 | U F2 F1 | 0.100 | 0.06437 | F2 F1 | mg/Kg | | 64 | 70 - 130 | 177 | 35 |
| Ethylbenzene | <0.00199 | U F2 F1 | 0.100 | 0.06621 | F2 F1 | mg/Kg | | 66 | 70 - 130 | 72 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U F1 | 0.200 | 0.1420 | | mg/Kg | | 71 | 70 - 130 | 35 | 35 |
| o-Xylene | <0.00199 | U F1 | 0.100 | 0.07371 | | mg/Kg | | 74 | 70 - 130 | 33 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 |

Lab Sample ID: MB 880-9119/5-A

Matrix: Solid

Analysis Batch: 9431

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9119

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-9119/5-A

Matrix: Solid

Analysis Batch: 9431

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9119

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | | | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | | | | 10/13/21 16:00 | 10/14/21 11:42 | 1 |

Lab Sample ID: MB 880-9120/5-A

Matrix: Solid

Analysis Batch: 9368

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9120

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | | | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 | | | | 10/11/21 10:30 | 10/13/21 23:34 | 1 |

Lab Sample ID: LCS 880-9120/1-A

Matrix: Solid

Analysis Batch: 9368

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9120

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|---------------|---------------|---------------|-------|---|------|--------------|
| Benzene | 0.100 | 0.08263 | | mg/Kg | | 83 | 70 - 130 |
| Toluene | 0.100 | 0.08697 | | mg/Kg | | 87 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09487 | | mg/Kg | | 95 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1972 | | mg/Kg | | 99 | 70 - 130 |
| o-Xylene | 0.100 | 0.1001 | | mg/Kg | | 100 | 70 - 130 |
| Surrogate | LCS %Recovery | LCS Qualifier | Limits | | | | |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | | | | |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-9120/2-A

Matrix: Solid

Analysis Batch: 9368

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9120

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-------|
| Benzene | 0.100 | 0.08489 | | mg/Kg | | 85 | 70 - 130 | 3 | 35 |
| Toluene | 0.100 | 0.08878 | | mg/Kg | | 89 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.100 | 0.09597 | | mg/Kg | | 96 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2005 | | mg/Kg | | 100 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.1034 | | mg/Kg | | 103 | 70 - 130 | 3 | 35 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

| | LCSD | LCSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 82 | | 70 - 130 |

Lab Sample ID: 890-1384-1 MS
Matrix: Solid
Analysis Batch: 9368

Client Sample ID: T-1 (0-1)
Prep Type: Total/NA
Prep Batch: 9120

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Benzene | <0.00202 | U F1 | 0.100 | 0.06975 | F1 | mg/Kg | | 69 | 70 - 130 |
| Toluene | <0.00202 | U F1 | 0.100 | 0.07052 | | mg/Kg | | 70 | 70 - 130 |
| Ethylbenzene | <0.00202 | U F1 | 0.100 | 0.07127 | | mg/Kg | | 71 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00403 | U F1 | 0.201 | 0.1489 | | mg/Kg | | 74 | 70 - 130 |
| o-Xylene | <0.00202 | U | 0.100 | 0.07561 | | mg/Kg | | 75 | 70 - 130 |

| | MS | MS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 123 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 |

Lab Sample ID: 890-1384-1 MSD
Matrix: Solid
Analysis Batch: 9368

Client Sample ID: T-1 (0-1)
Prep Type: Total/NA
Prep Batch: 9120

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-------|
| Benzene | <0.00202 | U F1 | 0.100 | 0.06685 | F1 | mg/Kg | | 67 | 70 - 130 | 4 | 35 |
| Toluene | <0.00202 | U F1 | 0.100 | 0.06682 | F1 | mg/Kg | | 67 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00202 | U F1 | 0.100 | 0.06614 | F1 | mg/Kg | | 66 | 70 - 130 | 7 | 35 |
| m-Xylene & p-Xylene | <0.00403 | U F1 | 0.201 | 0.1378 | F1 | mg/Kg | | 69 | 70 - 130 | 8 | 35 |
| o-Xylene | <0.00202 | U | 0.100 | 0.07076 | | mg/Kg | | 70 | 70 - 130 | 7 | 35 |

| | MSD | MSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 130 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 82 | | 70 - 130 |

Lab Sample ID: MB 880-9121/5-A
Matrix: Solid
Analysis Batch: 9391

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9121

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:23 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:23 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 10:30 | 10/14/21 11:23 | 1 |

| | MB | MB | | | | | | | |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|--|--|--|
| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac | | | |
| 4-Bromofluorobenzene (Surr) | 120 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 11:23 | 1 | | | |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 10/11/21 10:30 | 10/14/21 11:23 | 1 | | | |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-9121/1-A

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9121

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|-------------|------------|---------------|-------|---|------|--------------|
| Benzene | 0.100 | 0.08552 | | mg/Kg | | 86 | 70 - 130 |
| Toluene | 0.100 | 0.1121 | | mg/Kg | | 112 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.07566 | | mg/Kg | | 76 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1490 | | mg/Kg | | 75 | 70 - 130 |
| o-Xylene | 0.100 | 0.07163 | | mg/Kg | | 72 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 |

Lab Sample ID: LCSD 880-9121/2-A

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9121

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Benzene | 0.100 | 0.07724 | | mg/Kg | | | | | |
| Toluene | 0.100 | 0.07704 | | mg/Kg | | | | | |
| Ethylbenzene | 0.100 | 0.08226 | | mg/Kg | | | | | |
| m-Xylene & p-Xylene | 0.200 | 0.1473 | | mg/Kg | | | | | |
| o-Xylene | 0.100 | 0.07475 | | mg/Kg | | | | | |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|--------|
| 4-Bromofluorobenzene (Surr) | | | |
| 1,4-Difluorobenzene (Surr) | | | |

Lab Sample ID: 890-1384-21 MS

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: T-4 (0-1)

Prep Type: Total/NA

Prep Batch: 9121

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Benzene | <0.00200 | U F1 F2 | 0.100 | 0.08389 | | mg/Kg | | 84 | 70 - 130 |
| Toluene | <0.00200 | U F1 F2 | 0.100 | 0.08268 | | mg/Kg | | 82 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F1 F2 | 0.100 | 0.07165 | | mg/Kg | | 71 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00401 | U F1 F2 | 0.200 | 0.09099 | F1 | mg/Kg | | 45 | 70 - 130 |
| o-Xylene | 0.00726 | F1 F2 | 0.100 | 0.07644 | F1 | mg/Kg | | 69 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 106 | | 70 - 130 |

Lab Sample ID: 890-1384-21 MSD

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: T-4 (0-1)

Prep Type: Total/NA

Prep Batch: 9121

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Benzene | <0.00200 | U F1 F2 | 0.0990 | 0.03514 | F1 F2 | mg/Kg | | 35 | 70 - 130 | 82 | 35 |
| Toluene | <0.00200 | U F1 F2 | 0.0990 | 0.03663 | F1 F2 | mg/Kg | | 36 | 70 - 130 | 77 | 35 |
| Ethylbenzene | <0.00200 | U F1 F2 | 0.0990 | 0.02985 | F1 F2 | mg/Kg | | 29 | 70 - 130 | 82 | 35 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: 890-1384-21 MSD

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: T-4 (0-1)

Prep Type: Total/NA

Prep Batch: 9121

| 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 F1 F2 | 0.198 | 0.04408 | F1 F2 | mg/Kg | | 21 | 70 - 130 | 69 | 35 |
| o-Xylene | 0.00726 | F1 F2 | 0.0990 | 0.02903 | F1 F2 | mg/Kg | | 22 | 70 - 130 | 90 | 35 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 85 | | 70 - 130 | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 88 | | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-9202/5-A

Matrix: Solid

Analysis Batch: 9431

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9202

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104 | | 70 - 130 | | | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 | | | | 10/11/21 11:45 | 10/14/21 22:33 | 1 |

Lab Sample ID: LCS 880-9202/1-A

Matrix: Solid

Analysis Batch: 9431

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9202

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|-----------------------------|---------------|---------------|---------------|-------|---|------|--------------|--|--|
| Benzene | 0.100 | 0.07515 | | mg/Kg | | 75 | 70 - 130 | | |
| Toluene | 0.100 | 0.07812 | | mg/Kg | | 78 | 70 - 130 | | |
| Ethylbenzene | 0.100 | 0.08356 | | mg/Kg | | 84 | 70 - 130 | | |
| m-Xylene & p-Xylene | 0.200 | 0.1785 | | mg/Kg | | 89 | 70 - 130 | | |
| o-Xylene | 0.100 | 0.09060 | | mg/Kg | | 91 | 70 - 130 | | |
| Surrogate | LCS %Recovery | LCS Qualifier | Limits | | | | | | |
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | | | | | | |
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | | | | | | |

Lab Sample ID: LCSD 880-9202/2-A

Matrix: Solid

Analysis Batch: 9431

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9202

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Benzene | 0.100 | 0.08460 | | mg/Kg | | 85 | 70 - 130 | 12 | 35 |
| Toluene | 0.100 | 0.08845 | | mg/Kg | | 88 | 70 - 130 | 12 | 35 |
| Ethylbenzene | 0.100 | 0.09526 | | mg/Kg | | 95 | 70 - 130 | 13 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2036 | | mg/Kg | | 102 | 70 - 130 | 13 | 35 |
| o-Xylene | 0.100 | 0.1037 | | mg/Kg | | 104 | 70 - 130 | 14 | 35 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

| | LCSD | LCSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 80 | | 70 - 130 |

Lab Sample ID: 890-1384-41 MS
Matrix: Solid
Analysis Batch: 9431

Client Sample ID: T-5 (7)
Prep Type: Total/NA
Prep Batch: 9202

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Benzene | <0.00200 | U | 0.101 | 0.07633 | | mg/Kg | | 76 | 70 - 130 |
| Toluene | <0.00200 | U | 0.101 | 0.08225 | | mg/Kg | | 81 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.101 | 0.08831 | | mg/Kg | | 87 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.202 | 0.1873 | | mg/Kg | | 93 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.101 | 0.09496 | | mg/Kg | | 94 | 70 - 130 |

| | MS | MS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 128 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 75 | | 70 - 130 |

Lab Sample ID: 890-1384-41 MSD
Matrix: Solid
Analysis Batch: 9431

Client Sample ID: T-5 (7)
Prep Type: Total/NA
Prep Batch: 9202

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-------|
| Benzene | <0.00200 | U | 0.100 | 0.07741 | | mg/Kg | | 77 | 70 - 130 | 1 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08238 | | mg/Kg | | 82 | 70 - 130 | 0 | 35 |
| Ethylbenzene | <0.00200 | U | 0.100 | 0.08827 | | mg/Kg | | 88 | 70 - 130 | 0 | 35 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.201 | 0.1871 | | mg/Kg | | 93 | 70 - 130 | 0 | 35 |
| o-Xylene | <0.00200 | U | 0.100 | 0.09609 | | mg/Kg | | 95 | 70 - 130 | 1 | 35 |

| | MSD | MSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 130 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 82 | | 70 - 130 |

Lab Sample ID: MB 880-9327/5-A
Matrix: Solid
Analysis Batch: 9368

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9327

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/12/21 16:16 | 10/13/21 12:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/12/21 16:16 | 10/13/21 12:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/12/21 16:16 | 10/13/21 12:41 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/12/21 16:16 | 10/13/21 12:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/12/21 16:16 | 10/13/21 12:41 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/12/21 16:16 | 10/13/21 12:41 | 1 |

| | MB | MB | | | | | | | |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|--|--|--|
| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac | | | |
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | 10/12/21 16:16 | 10/13/21 12:41 | 1 | | | |
| 1,4-Difluorobenzene (Surr) | 71 | | 70 - 130 | 10/12/21 16:16 | 10/13/21 12:41 | 1 | | | |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-9367/5-A

Matrix: Solid

Analysis Batch: 9391

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9367

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|--------------|-----------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 09:16 | 10/13/21 18:29 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 09:16 | 10/13/21 18:29 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 09:16 | 10/13/21 18:29 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 10/13/21 09:16 | 10/13/21 18:29 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/13/21 09:16 | 10/13/21 18:29 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/13/21 09:16 | 10/13/21 18:29 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | 10/13/21 09:16 | 10/13/21 18:29 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | 10/13/21 09:16 | 10/13/21 18:29 | 1 |

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

Lab Sample ID: MB 880-9190/1-A

Matrix: Solid

Analysis Batch: 9180

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9190

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------------|-----------------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 20:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 20:49 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:32 | 10/11/21 20:49 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 95 | | 70 - 130 | 10/11/21 10:32 | 10/11/21 20:49 | 1 |
| o-Terphenyl | 108 | | 70 - 130 | 10/11/21 10:32 | 10/11/21 20:49 | 1 |

Lab Sample ID: LCS 880-9190/2-A

Matrix: Solid

Analysis Batch: 9180

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9190

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|----------------|---------------|------------------|-------|---|------|-----------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 874.1 | | mg/Kg | | 87 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 891.3 | | mg/Kg | | 89 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------|------------------|------------------|----------|
| 1-Chlorooctane | 102 | | 70 - 130 |
| o-Terphenyl | 105 | | 70 - 130 |

Lab Sample ID: LCSD 880-9190/3-A

Matrix: Solid

Analysis Batch: 9180

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9190

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------------------------|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 833.0 | | mg/Kg | | 83 | 70 - 130 | 5 | 20 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-9190/3-A

Matrix: Solid

Analysis Batch: 9180

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9190

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|--------------------------------------|----------------|----------------|----------------|-------|---|------|--------------|-----|-------|
| Diesel Range Organics (Over C10-C28) | 1000 | 890.3 | | mg/Kg | | 89 | 70 - 130 | 0 | 20 |
| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits | | | | | | |
| 1-Chlorooctane | 91 | | 70 - 130 | | | | | | |
| o-Terphenyl | 95 | | 70 - 130 | | | | | | |

Lab Sample ID: 890-1384-1 MS

Matrix: Solid

Analysis Batch: 9180

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 9190

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|-----|-------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 997 | 778.2 | | mg/Kg | | 78 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | 53.5 | F1 | 997 | 691.3 | F1 | mg/Kg | | 64 | 70 - 130 | | |
| Surrogate | MS %Recovery | MS Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 88 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 90 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 890-1384-1 MSD

Matrix: Solid

Analysis Batch: 9180

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 9190

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 1000 | 810.3 | | mg/Kg | | 81 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | 53.5 | F1 | 1000 | 702.5 | F1 | mg/Kg | | 65 | 70 - 130 | 2 | 20 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 90 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 90 | | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-9191/1-A

Matrix: Solid

Analysis Batch: 9185

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9191

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 20:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 20:49 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 10:50 | 10/11/21 20:49 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | | | |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | | | |
| o-Terphenyl | 126 | | 70 - 130 | | | | | | |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-9191/2-A

Matrix: Solid

Analysis Batch: 9185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9191

| Analyte | | | Spike | LCS | LCS | Unit | D | %Rec | %Rec. | | |
|--------------------------------------|--|--|-------|--------|-----------|-------|---|--------|----------|--|--|
| | | | Added | Result | Qualifier | | | Limits | | | |
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 888.4 | | mg/Kg | | 89 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1035 | | mg/Kg | | 104 | 70 - 130 | | |
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Lab Sample ID: LCSD 880-9191/3-A

Matrix: Solid

Analysis Batch: 9185

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9191

| | | | Spike | LCSD | LCSD | | | | %Rec. | | | RPD |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|-----|
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit | |
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 862.2 | | mg/Kg | | 86 | 70 - 130 | 3 | 20 | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1017 | | mg/Kg | | 102 | 70 - 130 | 2 | 20 | |
| | | | LCSD | LCSD | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | | |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | | | | | | |
| o-Terphenyl | 90 | | 70 - 130 | | | | | | | | | |

Lab Sample ID: 890-1384-21 MS

Matrix: Solid

Analysis Batch: 9185

Client Sample ID: T-4 (0-1)

Prep Type: Total/NA

Prep Batch: 9191

| | Sample | Sample | Spike | MS | MS | | | | %Rec. | | |
|--------------------------------------|--------------|--------------|----------|--------|-----------|-------|---|------|----------|--|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 997 | 932.1 | | mg/Kg | | 93 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | 62.8 | | 997 | 1051 | | mg/Kg | | 99 | 70 - 130 | | |
| | | | | | | | | | | | |
| Surrogate | MS %Recovery | MS Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 107 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 108 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 890-1384-21 MSD

Matrix: Solid

Analysis Batch: 9185

Client Sample ID: T-4 (0-1)

Prep Type: Total/NA

Prep Batch: 9191

| | 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 | <49.9 | U | 1000 | 933.4 | | mg/Kg | | 93 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | 62.8 | | 1000 | 1066 | | mg/Kg | | 100 | 70 - 130 | 1 | 20 |
| | | | | | | | | | | | |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 107 | | 70 - 130 | | | | | | | | |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: 890-1384-21 MSD

Matrix: Solid

Analysis Batch: 9185

Client Sample ID: T-4 (0-1)

Prep Type: Total/NA

Prep Batch: 9191

| | MSD | MSD | |
|---------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| <i>o</i> -Terphenyl | 107 | | 70 - 130 |

Lab Sample ID: MB 880-9215/1-A

Matrix: Solid

Analysis Batch: 9176

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9215

| | MB | MB | | | | | | | | |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|-----|-----|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil | Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 20:24 | 1 | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 20:24 | 1 | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 13:34 | 10/11/21 20:24 | 1 | |
| | MB | MB | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil | Fac |
| 1-Chlorooctane | 100 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 20:24 | 1 | |
| <i>o</i> -Terphenyl | 113 | | 70 - 130 | | | | 10/11/21 13:34 | 10/11/21 20:24 | 1 | |

Lab Sample ID: LCS 880-9215/2-A

Matrix: Solid

Analysis Batch: 9176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9215

| | | Spike | LCS | LCS | | | | %Rec. | | |
|--------------------------------------|-----------|-----------|----------|-----------|-------|---|------|----------|--|--|
| Analyte | | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics (GRO)-C6-C10 | | 1000 | 978.5 | | mg/Kg | | 98 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | 1000 | 876.7 | | mg/Kg | | 88 | 70 - 130 | | |
| | LCS | LCS | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| 1-Chlorooctane | 83 | | 70 - 130 | | | | | | | |
| <i>o</i> -Terphenyl | 82 | | 70 - 130 | | | | | | | |

Lab Sample ID: LCSD 880-9215/3-A

Matrix: Solid

Analysis Batch: 9176

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9215

| Analyte | | | Spike | LCSD | LCSD | Unit | D | %Rec | %Rec. | RPD | RPD |
|--------------------------------------|--|--|-------|--------|-----------|-------|---|------|----------|-----|-------|
| | | | Added | Result | Qualifier | | | | Limits | | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1018 | | mg/Kg | | 102 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 855.8 | | mg/Kg | | 86 | 70 - 130 | 2 | 20 |
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Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: 890-1384-41 MS

Matrix: Solid

Analysis Batch: 9176

Client Sample ID: T-5 (7)

Prep Type: Total/NA

Prep Batch: 9215

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 997 | 1167 | | mg/Kg | | 114 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 997 | 1032 | | mg/Kg | | 101 | 70 - 130 |
| Surrogate | MS %Recovery | MS Qualifier | Limits | | | | | | |
| 1-Chlorooctane | 117 | | 70 - 130 | | | | | | |
| o-Terphenyl | 118 | | 70 - 130 | | | | | | |

Lab Sample ID: 890-1384-41 MSD

Matrix: Solid

Analysis Batch: 9176

Client Sample ID: T-5 (7)

Prep Type: Total/NA

Prep Batch: 9215

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 1000 | 1202 | | mg/Kg | | 118 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 999.9 | | mg/Kg | | 98 | 70 - 130 | 3 | 20 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 113 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 110 | | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-9249/1-A

Matrix: Solid

Analysis Batch: 9176

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9249

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 15:52 | 10/12/21 05:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 15:52 | 10/12/21 05:28 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/11/21 15:52 | 10/12/21 05:28 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 104 | | 70 - 130 | | | | 10/11/21 15:52 | 10/12/21 05:28 | 1 |
| o-Terphenyl | 121 | | 70 - 130 | | | | 10/11/21 15:52 | 10/12/21 05:28 | 1 |

Lab Sample ID: LCS 880-9249/2-A

Matrix: Solid

Analysis Batch: 9176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9249

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 996.0 | | mg/Kg | | 100 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 907.1 | | mg/Kg | | 91 | 70 - 130 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-9249/2-A
Matrix: Solid
Analysis Batch: 9176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9249

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 88 | | 70 - 130 |
| o-Terphenyl | 85 | | 70 - 130 |

Lab Sample ID: LCSD 880-9249/3-A
Matrix: Solid
Analysis Batch: 9176

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 9249

| | | | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | | | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 938.8 | | mg/Kg | | 94 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 891.4 | | mg/Kg | | 89 | 70 - 130 | 2 | 20 |
| | LCSD | LCSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 93 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 92 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 890-1384-61 MS
Matrix: Solid
Analysis Batch: 9176

Client Sample ID: T-7 (4)
Prep Type: Total/NA
Prep Batch: 9249

| | Sample | Sample | Spike | MS | MS | | | | %Rec. | | |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 997 | 1107 | | mg/Kg | | 109 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 997 | 913.7 | | mg/Kg | | 90 | 70 - 130 | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 92 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 890-1384-61 MSD
Matrix: Solid
Analysis Batch: 9176

Client Sample ID: T-7 (4)
Prep Type: Total/NA
Prep Batch: 9249

| | 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 | <49.9 | U | 1000 | 1158 | | mg/Kg | | 114 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 1000 | 1075 | | mg/Kg | | 106 | 70 - 130 | 16 | 20 |
| | MSD | MSD | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 110 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 112 | | 70 - 130 | | | | | | | | |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-9211/1-A

Matrix: Solid

Analysis Batch: 9317

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 | | | 10/12/21 16:53 | 1 |

Lab Sample ID: LCS 880-9211/2-A

Matrix: Solid

Analysis Batch: 9317

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|----------------|---------------|------------------|-------|---|------|-----------------|
| Chloride | 250 | 253.0 | | mg/Kg | | 101 | 90 - 110 |

Lab Sample ID: LCSD 880-9211/3-A

Matrix: Solid

Analysis Batch: 9317

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 | 258.8 | | mg/Kg | | 104 | 90 - 110 | 2 | 20 |

Lab Sample ID: 880-7011-A-24-E MS

Matrix: Solid

Analysis Batch: 9317

Client Sample ID: Matrix Spike

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|-----------------|
| Chloride | 76.8 | | 248 | 348.8 | | mg/Kg | | 110 | 90 - 110 |

Lab Sample ID: 880-7011-A-24-F MSD

Matrix: Solid

Analysis Batch: 9317

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 76.8 | | 248 | 348.0 | | mg/Kg | | 109 | 90 - 110 | 0 | 20 |

Lab Sample ID: MB 880-9212/1-A

Matrix: Solid

Analysis Batch: 9318

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 | | | 10/13/21 00:19 | 1 |

Lab Sample ID: LCS 880-9212/2-A

Matrix: Solid

Analysis Batch: 9318

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|----------------|---------------|------------------|-------|---|------|-----------------|
| Chloride | 250 | 256.7 | | mg/Kg | | 103 | 90 - 110 |

Lab Sample ID: LCSD 880-9212/3-A

Matrix: Solid

Analysis Batch: 9318

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 250 | 259.0 | | mg/Kg | | 104 | 90 - 110 | 1 | 20 |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1384-8 MS

Matrix: Solid

Analysis Batch: 9318

Client Sample ID: T-2 (1)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|--|--|
| Chloride | 8790 | | 2490 | 11390 | | mg/Kg | | 104 | 90 - 110 | | |

Lab Sample ID: 890-1384-8 MSD

Matrix: Solid

Analysis Batch: 9318

Client Sample ID: T-2 (1)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 8790 | | 2490 | 11430 | | mg/Kg | | 106 | 90 - 110 | 0 | 20 |

Lab Sample ID: 890-1384-18 MS

Matrix: Solid

Analysis Batch: 9318

Client Sample ID: T-3 (6)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|--|--|
| Chloride | 1040 | | 250 | 1198 | 4 | mg/Kg | | 61 | 90 - 110 | | |

Lab Sample ID: 890-1384-18 MSD

Matrix: Solid

Analysis Batch: 9318

Client Sample ID: T-3 (6)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 1040 | | 250 | 1196 | 4 | mg/Kg | | 61 | 90 - 110 | 0 | 20 |

Lab Sample ID: MB 880-9213/1-A

Matrix: Solid

Analysis Batch: 9319

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 | | | 10/12/21 16:54 | 1 |

Lab Sample ID: LCS 880-9213/2-A

Matrix: Solid

Analysis Batch: 9319

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|----------|-------------|------------|---------------|-------|---|------|--------------|--|--|
| Chloride | 250 | 262.2 | | mg/Kg | | 105 | 90 - 110 | | |

Lab Sample ID: LCSD 880-9213/3-A

Matrix: Solid

Analysis Batch: 9319

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 | 262.2 | | mg/Kg | | 105 | 90 - 110 | 0 | 20 |

Lab Sample ID: 890-1384-30 MS

Matrix: Solid

Analysis Batch: 9319

Client Sample ID: T-4 (9)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|--|--|
| Chloride | 42.0 | F1 | 253 | 330.0 | F1 | mg/Kg | | 114 | 90 - 110 | | |

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1384-30 MSD

Matrix: Solid

Analysis Batch: 9319

Client Sample ID: T-4 (9)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 42.0 | F1 | 253 | 313.6 | | mg/Kg | | 108 | 90 - 110 | 5 | 20 |

Lab Sample ID: MB 880-9214/1-A

Matrix: Solid

Analysis Batch: 9320

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 | | | 10/13/21 08:53 | 1 |

Lab Sample ID: LCS 880-9214/2-A

Matrix: Solid

Analysis Batch: 9320

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 250 | 243.3 | | mg/Kg | | 97 | 90 - 110 |

Lab Sample ID: LCSD 880-9214/3-A

Matrix: Solid

Analysis Batch: 9320

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Chloride | 250 | 245.9 | | mg/Kg | | 98 | 90 - 110 | 1 | 20 |

Lab Sample ID: 890-1384-40 MS

Matrix: Solid

Analysis Batch: 9320

Client Sample ID: T-5 (6)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 470 | | 250 | 702.5 | | mg/Kg | | 93 | 90 - 110 |

Lab Sample ID: 890-1384-40 MSD

Matrix: Solid

Analysis Batch: 9320

Client Sample ID: T-5 (6)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 470 | | 250 | 708.1 | | mg/Kg | | 95 | 90 - 110 | 1 | 20 |

Lab Sample ID: 890-1384-50 MS

Matrix: Solid

Analysis Batch: 9320

Client Sample ID: T-6 (5)

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 58.6 | | 248 | 320.3 | | mg/Kg | | 106 | 90 - 110 |

Lab Sample ID: 890-1384-50 MSD

Matrix: Solid

Analysis Batch: 9320

Client Sample ID: T-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 | 58.6 | | 248 | 318.6 | | mg/Kg | | 105 | 90 - 110 | 1 | 20 |

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-9290/1-A

Matrix: Solid

Analysis Batch: 9456

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 | | | 10/14/21 12:01 | 1 |

Lab Sample ID: LCS 880-9290/2-A

Matrix: Solid

Analysis Batch: 9456

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|----------------|---------------|------------------|-------|---|------|-----------------|
| Chloride | 250 | 244.3 | | mg/Kg | | 98 | 90 - 110 |

Lab Sample ID: LCSD 880-9290/3-A

Matrix: Solid

Analysis Batch: 9456

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 250 | 245.4 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-7007-A-1-B MS

Matrix: Solid

Analysis Batch: 9456

Client Sample ID: Matrix Spike

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|-----------------|
| Chloride | 18700 | F1 | 5000 | 24570 | F1 | mg/Kg | | 117 | 90 - 110 |

Lab Sample ID: 880-7007-A-1-C MSD

Matrix: Solid

Analysis Batch: 9456

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|-----------------|-----|--------------|
| Chloride | 18700 | F1 | 5000 | 24640 | F1 | mg/Kg | | 118 | 90 - 110 | 0 | 20 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC VOA

Prep Batch: 8942

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|--------|------------|
| MB 880-8942/5-B | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 9107

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-61 | T-7 (4) | Total/NA | Solid | 5035 | |
| MB 880-9107/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-9107/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-9107/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-1384-61 MS | T-7 (4) | Total/NA | Solid | 5035 | |
| 890-1384-61 MSD | T-7 (4) | Total/NA | Solid | 5035 | |

Prep Batch: 9119

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|--------|------------|
| MB 880-9119/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 9120

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-1 | T-1 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-2 | T-1 (1) | Total/NA | Solid | 5035 | |
| 890-1384-3 | T-1 (2) | Total/NA | Solid | 5035 | |
| 890-1384-4 | T-1 (3) | Total/NA | Solid | 5035 | |
| 890-1384-5 | T-1 (4) | Total/NA | Solid | 5035 | |
| 890-1384-6 | T-1 (5) | Total/NA | Solid | 5035 | |
| 890-1384-7 | T-2 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-8 | T-2 (1) | Total/NA | Solid | 5035 | |
| 890-1384-9 | T-2 (2) | Total/NA | Solid | 5035 | |
| 890-1384-10 | T-2 (3) | Total/NA | Solid | 5035 | |
| 890-1384-11 | T-2 (4) | Total/NA | Solid | 5035 | |
| 890-1384-12 | T-3 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-13 | T-3 (1) | Total/NA | Solid | 5035 | |
| 890-1384-14 | T-3 (2) | Total/NA | Solid | 5035 | |
| 890-1384-15 | T-3 (3) | Total/NA | Solid | 5035 | |
| 890-1384-16 | T-3 (4) | Total/NA | Solid | 5035 | |
| 890-1384-17 | T-3 (5) | Total/NA | Solid | 5035 | |
| 890-1384-18 | T-3 (6) | Total/NA | Solid | 5035 | |
| 890-1384-19 | T-3 (7) | Total/NA | Solid | 5035 | |
| 890-1384-20 | T-3 (8) | Total/NA | Solid | 5035 | |
| MB 880-9120/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-9120/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-9120/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-1384-1 MS | T-1 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-1 MSD | T-1 (0-1) | Total/NA | Solid | 5035 | |

Prep Batch: 9121

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 890-1384-21 | T-4 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-22 | T-4 (1) | Total/NA | Solid | 5035 | |
| 890-1384-23 | T-4 (2) | Total/NA | Solid | 5035 | |
| 890-1384-24 | T-4 (3) | Total/NA | Solid | 5035 | |
| 890-1384-25 | T-4 (4) | Total/NA | Solid | 5035 | |
| 890-1384-26 | T-4 (5) | Total/NA | Solid | 5035 | |

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 9121 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-27 | T-4 (6) | Total/NA | Solid | 5035 | |
| 890-1384-28 | T-4 (7) | Total/NA | Solid | 5035 | |
| 890-1384-29 | T-4 (8) | Total/NA | Solid | 5035 | |
| 890-1384-30 | T-4 (9) | Total/NA | Solid | 5035 | |
| 890-1384-31 | T-4 (10) | Total/NA | Solid | 5035 | |
| 890-1384-32 | T-4 (11) | Total/NA | Solid | 5035 | |
| 890-1384-33 | T-4 (12) | Total/NA | Solid | 5035 | |
| 890-1384-34 | T-5 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-35 | T-5 (1) | Total/NA | Solid | 5035 | |
| 890-1384-36 | T-5 (2) | Total/NA | Solid | 5035 | |
| 890-1384-37 | T-5 (3) | Total/NA | Solid | 5035 | |
| 890-1384-38 | T-5 (4) | Total/NA | Solid | 5035 | |
| 890-1384-39 | T-5 (5) | Total/NA | Solid | 5035 | |
| 890-1384-40 | T-5 (6) | Total/NA | Solid | 5035 | |
| MB 880-9121/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-9121/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-9121/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-1384-21 MS | T-4 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-21 MSD | T-4 (0-1) | Total/NA | Solid | 5035 | |

Prep Batch: 9202

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-41 | T-5 (7) | Total/NA | Solid | 5035 | |
| 890-1384-42 | T-5 (8) | Total/NA | Solid | 5035 | |
| 890-1384-43 | T-5 (9) | Total/NA | Solid | 5035 | |
| 890-1384-44 | T-5 (10) | Total/NA | Solid | 5035 | |
| 890-1384-45 | T-6 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-46 | T-6 (1) | Total/NA | Solid | 5035 | |
| 890-1384-47 | T-6 (2) | Total/NA | Solid | 5035 | |
| 890-1384-48 | T-6 (3) | Total/NA | Solid | 5035 | |
| 890-1384-49 | T-6 (4) | Total/NA | Solid | 5035 | |
| 890-1384-50 | T-6 (5) | Total/NA | Solid | 5035 | |
| 890-1384-51 | T-6 (6) | Total/NA | Solid | 5035 | |
| 890-1384-52 | T-6 (7) | Total/NA | Solid | 5035 | |
| 890-1384-53 | T-6 (8) | Total/NA | Solid | 5035 | |
| 890-1384-54 | T-6 (9) | Total/NA | Solid | 5035 | |
| 890-1384-55 | T-6 (10) | Total/NA | Solid | 5035 | |
| 890-1384-56 | T-6 (11) | Total/NA | Solid | 5035 | |
| 890-1384-57 | T-7 (0-1) | Total/NA | Solid | 5035 | |
| 890-1384-58 | T-7 (1) | Total/NA | Solid | 5035 | |
| 890-1384-59 | T-7 (2) | Total/NA | Solid | 5035 | |
| 890-1384-60 | T-7 (3) | Total/NA | Solid | 5035 | |
| MB 880-9202/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-9202/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-9202/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-1384-41 MS | T-5 (7) | Total/NA | Solid | 5035 | |
| 890-1384-41 MSD | T-5 (7) | Total/NA | Solid | 5035 | |

Analysis Batch: 9282

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 890-1384-61 | T-7 (4) | Total/NA | Solid | 8021B | 9107 |

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 9282 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| MB 880-8942/5-B | Method Blank | Total/NA | Solid | 8021B | 8942 |
| MB 880-9107/5-A | Method Blank | Total/NA | Solid | 8021B | 9107 |
| LCS 880-9107/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 9107 |
| LCSD 880-9107/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 9107 |
| 890-1384-61 MS | T-7 (4) | Total/NA | Solid | 8021B | 9107 |
| 890-1384-61 MSD | T-7 (4) | Total/NA | Solid | 8021B | 9107 |

Analysis Batch: 9297

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-1384-61 | T-7 (4) | Total/NA | Solid | Total BTEX | |

Prep Batch: 9327

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|--------|------------|
| MB 880-9327/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 9367

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|--------|------------|
| MB 880-9367/5-A | Method Blank | Total/NA | Solid | 5035 | |

Analysis Batch: 9368

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-1 | T-1 (0-1) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-2 | T-1 (1) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-3 | T-1 (2) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-4 | T-1 (3) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-5 | T-1 (4) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-6 | T-1 (5) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-7 | T-2 (0-1) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-8 | T-2 (1) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-9 | T-2 (2) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-10 | T-2 (3) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-11 | T-2 (4) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-12 | T-3 (0-1) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-13 | T-3 (1) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-14 | T-3 (2) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-15 | T-3 (3) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-16 | T-3 (4) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-17 | T-3 (5) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-18 | T-3 (6) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-19 | T-3 (7) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-20 | T-3 (8) | Total/NA | Solid | 8021B | 9120 |
| MB 880-9120/5-A | Method Blank | Total/NA | Solid | 8021B | 9120 |
| MB 880-9327/5-A | Method Blank | Total/NA | Solid | 8021B | 9327 |
| LCS 880-9120/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 9120 |
| LCSD 880-9120/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 9120 |
| 890-1384-1 MS | T-1 (0-1) | Total/NA | Solid | 8021B | 9120 |
| 890-1384-1 MSD | T-1 (0-1) | Total/NA | Solid | 8021B | 9120 |

Analysis Batch: 9374

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-1384-1 | T-1 (0-1) | Total/NA | Solid | Total BTEX | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 9374 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-1384-2 | T-1 (1) | Total/NA | Solid | Total BTEX | |
| 890-1384-3 | T-1 (2) | Total/NA | Solid | Total BTEX | |
| 890-1384-4 | T-1 (3) | Total/NA | Solid | Total BTEX | |
| 890-1384-5 | T-1 (4) | Total/NA | Solid | Total BTEX | |
| 890-1384-6 | T-1 (5) | Total/NA | Solid | Total BTEX | |
| 890-1384-7 | T-2 (0-1) | Total/NA | Solid | Total BTEX | |
| 890-1384-8 | T-2 (1) | Total/NA | Solid | Total BTEX | |
| 890-1384-9 | T-2 (2) | Total/NA | Solid | Total BTEX | |
| 890-1384-10 | T-2 (3) | Total/NA | Solid | Total BTEX | |
| 890-1384-11 | T-2 (4) | Total/NA | Solid | Total BTEX | |
| 890-1384-12 | T-3 (0-1) | Total/NA | Solid | Total BTEX | |
| 890-1384-13 | T-3 (1) | Total/NA | Solid | Total BTEX | |
| 890-1384-14 | T-3 (2) | Total/NA | Solid | Total BTEX | |
| 890-1384-15 | T-3 (3) | Total/NA | Solid | Total BTEX | |
| 890-1384-16 | T-3 (4) | Total/NA | Solid | Total BTEX | |
| 890-1384-17 | T-3 (5) | Total/NA | Solid | Total BTEX | |
| 890-1384-18 | T-3 (6) | Total/NA | Solid | Total BTEX | |
| 890-1384-19 | T-3 (7) | Total/NA | Solid | Total BTEX | |
| 890-1384-20 | T-3 (8) | Total/NA | Solid | Total BTEX | |

Analysis Batch: 9391

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-21 | T-4 (0-1) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-22 | T-4 (1) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-23 | T-4 (2) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-24 | T-4 (3) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-25 | T-4 (4) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-26 | T-4 (5) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-27 | T-4 (6) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-28 | T-4 (7) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-29 | T-4 (8) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-30 | T-4 (9) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-31 | T-4 (10) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-32 | T-4 (11) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-33 | T-4 (12) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-34 | T-5 (0-1) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-35 | T-5 (1) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-36 | T-5 (2) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-37 | T-5 (3) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-38 | T-5 (4) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-39 | T-5 (5) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-40 | T-5 (6) | Total/NA | Solid | 8021B | 9121 |
| MB 880-9121/5-A | Method Blank | Total/NA | Solid | 8021B | 9121 |
| MB 880-9367/5-A | Method Blank | Total/NA | Solid | 8021B | 9367 |
| LCS 880-9121/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 9121 |
| LCSD 880-9121/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 9121 |
| 890-1384-21 MS | T-4 (0-1) | Total/NA | Solid | 8021B | 9121 |
| 890-1384-21 MSD | T-4 (0-1) | Total/NA | Solid | 8021B | 9121 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC VOA

Analysis Batch: 9398

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-1384-21 | T-4 (0-1) | Total/NA | Solid | Total BTEX | |
| 890-1384-22 | T-4 (1) | Total/NA | Solid | Total BTEX | |
| 890-1384-23 | T-4 (2) | Total/NA | Solid | Total BTEX | |
| 890-1384-24 | T-4 (3) | Total/NA | Solid | Total BTEX | |
| 890-1384-25 | T-4 (4) | Total/NA | Solid | Total BTEX | |
| 890-1384-26 | T-4 (5) | Total/NA | Solid | Total BTEX | |
| 890-1384-27 | T-4 (6) | Total/NA | Solid | Total BTEX | |
| 890-1384-28 | T-4 (7) | Total/NA | Solid | Total BTEX | |
| 890-1384-29 | T-4 (8) | Total/NA | Solid | Total BTEX | |
| 890-1384-30 | T-4 (9) | Total/NA | Solid | Total BTEX | |
| 890-1384-31 | T-4 (10) | Total/NA | Solid | Total BTEX | |
| 890-1384-32 | T-4 (11) | Total/NA | Solid | Total BTEX | |
| 890-1384-33 | T-4 (12) | Total/NA | Solid | Total BTEX | |
| 890-1384-34 | T-5 (0-1) | Total/NA | Solid | Total BTEX | |
| 890-1384-35 | T-5 (1) | Total/NA | Solid | Total BTEX | |
| 890-1384-36 | T-5 (2) | Total/NA | Solid | Total BTEX | |
| 890-1384-37 | T-5 (3) | Total/NA | Solid | Total BTEX | |
| 890-1384-38 | T-5 (4) | Total/NA | Solid | Total BTEX | |
| 890-1384-39 | T-5 (5) | Total/NA | Solid | Total BTEX | |
| 890-1384-40 | T-5 (6) | Total/NA | Solid | Total BTEX | |

Analysis Batch: 9431

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-41 | T-5 (7) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-42 | T-5 (8) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-43 | T-5 (9) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-44 | T-5 (10) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-45 | T-6 (0-1) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-46 | T-6 (1) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-47 | T-6 (2) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-48 | T-6 (3) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-49 | T-6 (4) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-50 | T-6 (5) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-51 | T-6 (6) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-52 | T-6 (7) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-53 | T-6 (8) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-54 | T-6 (9) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-55 | T-6 (10) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-56 | T-6 (11) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-57 | T-7 (0-1) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-58 | T-7 (1) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-59 | T-7 (2) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-60 | T-7 (3) | Total/NA | Solid | 8021B | 9202 |
| MB 880-9119/5-A | Method Blank | Total/NA | Solid | 8021B | 9119 |
| MB 880-9202/5-A | Method Blank | Total/NA | Solid | 8021B | 9202 |
| LCS 880-9202/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 9202 |
| LCSD 880-9202/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 9202 |
| 890-1384-41 MS | T-5 (7) | Total/NA | Solid | 8021B | 9202 |
| 890-1384-41 MSD | T-5 (7) | Total/NA | Solid | 8021B | 9202 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC VOA

Analysis Batch: 9454

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-1384-41 | T-5 (7) | Total/NA | Solid | Total BTEX | |
| 890-1384-42 | T-5 (8) | Total/NA | Solid | Total BTEX | |
| 890-1384-43 | T-5 (9) | Total/NA | Solid | Total BTEX | |
| 890-1384-44 | T-5 (10) | Total/NA | Solid | Total BTEX | |
| 890-1384-45 | T-6 (0-1) | Total/NA | Solid | Total BTEX | |
| 890-1384-46 | T-6 (1) | Total/NA | Solid | Total BTEX | |
| 890-1384-47 | T-6 (2) | Total/NA | Solid | Total BTEX | |
| 890-1384-48 | T-6 (3) | Total/NA | Solid | Total BTEX | |
| 890-1384-49 | T-6 (4) | Total/NA | Solid | Total BTEX | |
| 890-1384-50 | T-6 (5) | Total/NA | Solid | Total BTEX | |
| 890-1384-51 | T-6 (6) | Total/NA | Solid | Total BTEX | |
| 890-1384-52 | T-6 (7) | Total/NA | Solid | Total BTEX | |
| 890-1384-53 | T-6 (8) | Total/NA | Solid | Total BTEX | |
| 890-1384-54 | T-6 (9) | Total/NA | Solid | Total BTEX | |
| 890-1384-55 | T-6 (10) | Total/NA | Solid | Total BTEX | |
| 890-1384-56 | T-6 (11) | Total/NA | Solid | Total BTEX | |
| 890-1384-57 | T-7 (0-1) | Total/NA | Solid | Total BTEX | |
| 890-1384-58 | T-7 (1) | Total/NA | Solid | Total BTEX | |
| 890-1384-59 | T-7 (2) | Total/NA | Solid | Total BTEX | |
| 890-1384-60 | T-7 (3) | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Analysis Batch: 9176

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-41 | T-5 (7) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-42 | T-5 (8) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-43 | T-5 (9) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-44 | T-5 (10) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-45 | T-6 (0-1) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-46 | T-6 (1) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-47 | T-6 (2) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-48 | T-6 (3) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-49 | T-6 (4) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-50 | T-6 (5) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-51 | T-6 (6) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-52 | T-6 (7) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-53 | T-6 (8) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-54 | T-6 (9) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-55 | T-6 (10) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-56 | T-6 (11) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-57 | T-7 (0-1) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-58 | T-7 (1) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-59 | T-7 (2) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-60 | T-7 (3) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-61 | T-7 (4) | Total/NA | Solid | 8015B NM | 9249 |
| MB 880-9215/1-A | Method Blank | Total/NA | Solid | 8015B NM | 9215 |
| MB 880-9249/1-A | Method Blank | Total/NA | Solid | 8015B NM | 9249 |
| LCS 880-9215/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 9215 |
| LCS 880-9249/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 9249 |
| LCSD 880-9215/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 9215 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 9176 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| LCSD 880-9249/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 9249 |
| 890-1384-41 MS | T-5 (7) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-41 MSD | T-5 (7) | Total/NA | Solid | 8015B NM | 9215 |
| 890-1384-61 MS | T-7 (4) | Total/NA | Solid | 8015B NM | 9249 |
| 890-1384-61 MSD | T-7 (4) | Total/NA | Solid | 8015B NM | 9249 |

Analysis Batch: 9180

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-1 | T-1 (0-1) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-2 | T-1 (1) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-3 | T-1 (2) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-4 | T-1 (3) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-5 | T-1 (4) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-6 | T-1 (5) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-7 | T-2 (0-1) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-8 | T-2 (1) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-9 | T-2 (2) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-10 | T-2 (3) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-11 | T-2 (4) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-12 | T-3 (0-1) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-13 | T-3 (1) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-14 | T-3 (2) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-15 | T-3 (3) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-16 | T-3 (4) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-17 | T-3 (5) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-18 | T-3 (6) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-19 | T-3 (7) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-20 | T-3 (8) | Total/NA | Solid | 8015B NM | 9190 |
| MB 880-9190/1-A | Method Blank | Total/NA | Solid | 8015B NM | 9190 |
| LCS 880-9190/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 9190 |
| LCSD 880-9190/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-1 MS | T-1 (0-1) | Total/NA | Solid | 8015B NM | 9190 |
| 890-1384-1 MSD | T-1 (0-1) | Total/NA | Solid | 8015B NM | 9190 |

Analysis Batch: 9185

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 890-1384-21 | T-4 (0-1) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-22 | T-4 (1) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-23 | T-4 (2) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-24 | T-4 (3) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-25 | T-4 (4) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-26 | T-4 (5) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-27 | T-4 (6) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-28 | T-4 (7) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-29 | T-4 (8) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-30 | T-4 (9) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-31 | T-4 (10) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-32 | T-4 (11) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-33 | T-4 (12) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-34 | T-5 (0-1) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-35 | T-5 (1) | Total/NA | Solid | 8015B NM | 9191 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 9185 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-36 | T-5 (2) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-37 | T-5 (3) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-38 | T-5 (4) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-39 | T-5 (5) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-40 | T-5 (6) | Total/NA | Solid | 8015B NM | 9191 |
| MB 880-9191/1-A | Method Blank | Total/NA | Solid | 8015B NM | 9191 |
| LCS 880-9191/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 9191 |
| LCSD 880-9191/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-21 MS | T-4 (0-1) | Total/NA | Solid | 8015B NM | 9191 |
| 890-1384-21 MSD | T-4 (0-1) | Total/NA | Solid | 8015B NM | 9191 |

Prep Batch: 9190

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 890-1384-1 | T-1 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-2 | T-1 (1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-3 | T-1 (2) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-4 | T-1 (3) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-5 | T-1 (4) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-6 | T-1 (5) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-7 | T-2 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-8 | T-2 (1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-9 | T-2 (2) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-10 | T-2 (3) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-11 | T-2 (4) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-12 | T-3 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-13 | T-3 (1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-14 | T-3 (2) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-15 | T-3 (3) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-16 | T-3 (4) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-17 | T-3 (5) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-18 | T-3 (6) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-19 | T-3 (7) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-20 | T-3 (8) | Total/NA | Solid | 8015NM Prep | |
| MB 880-9190/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-9190/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-9190/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-1384-1 MS | T-1 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-1 MSD | T-1 (0-1) | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 9191

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 890-1384-21 | T-4 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-22 | T-4 (1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-23 | T-4 (2) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-24 | T-4 (3) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-25 | T-4 (4) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-26 | T-4 (5) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-27 | T-4 (6) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-28 | T-4 (7) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-29 | T-4 (8) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-30 | T-4 (9) | Total/NA | Solid | 8015NM Prep | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 9191 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 890-1384-31 | T-4 (10) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-32 | T-4 (11) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-33 | T-4 (12) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-34 | T-5 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-35 | T-5 (1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-36 | T-5 (2) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-37 | T-5 (3) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-38 | T-5 (4) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-39 | T-5 (5) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-40 | T-5 (6) | Total/NA | Solid | 8015NM Prep | |
| MB 880-9191/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-9191/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-9191/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-1384-21 MS | T-4 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-21 MSD | T-4 (0-1) | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 9215

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 890-1384-41 | T-5 (7) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-42 | T-5 (8) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-43 | T-5 (9) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-44 | T-5 (10) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-45 | T-6 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-46 | T-6 (1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-47 | T-6 (2) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-48 | T-6 (3) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-49 | T-6 (4) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-50 | T-6 (5) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-51 | T-6 (6) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-52 | T-6 (7) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-53 | T-6 (8) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-54 | T-6 (9) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-55 | T-6 (10) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-56 | T-6 (11) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-57 | T-7 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-58 | T-7 (1) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-59 | T-7 (2) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-60 | T-7 (3) | Total/NA | Solid | 8015NM Prep | |
| MB 880-9215/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-9215/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-9215/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-1384-41 MS | T-5 (7) | Total/NA | Solid | 8015NM Prep | |
| 890-1384-41 MSD | T-5 (7) | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 9249

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 890-1384-61 | T-7 (4) | Total/NA | Solid | 8015NM Prep | |
| MB 880-9249/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-9249/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-9249/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-1384-61 MS | T-7 (4) | Total/NA | Solid | 8015NM Prep | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 9249 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|-------------|------------|
| 890-1384-61 MSD | T-7 (4) | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 9387

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-1384-1 | T-1 (0-1) | Total/NA | Solid | 8015 NM | |
| 890-1384-2 | T-1 (1) | Total/NA | Solid | 8015 NM | |
| 890-1384-3 | T-1 (2) | Total/NA | Solid | 8015 NM | |
| 890-1384-4 | T-1 (3) | Total/NA | Solid | 8015 NM | |
| 890-1384-5 | T-1 (4) | Total/NA | Solid | 8015 NM | |
| 890-1384-6 | T-1 (5) | Total/NA | Solid | 8015 NM | |
| 890-1384-7 | T-2 (0-1) | Total/NA | Solid | 8015 NM | |
| 890-1384-8 | T-2 (1) | Total/NA | Solid | 8015 NM | |
| 890-1384-9 | T-2 (2) | Total/NA | Solid | 8015 NM | |
| 890-1384-10 | T-2 (3) | Total/NA | Solid | 8015 NM | |
| 890-1384-11 | T-2 (4) | Total/NA | Solid | 8015 NM | |
| 890-1384-12 | T-3 (0-1) | Total/NA | Solid | 8015 NM | |
| 890-1384-13 | T-3 (1) | Total/NA | Solid | 8015 NM | |
| 890-1384-14 | T-3 (2) | Total/NA | Solid | 8015 NM | |
| 890-1384-15 | T-3 (3) | Total/NA | Solid | 8015 NM | |
| 890-1384-16 | T-3 (4) | Total/NA | Solid | 8015 NM | |
| 890-1384-17 | T-3 (5) | Total/NA | Solid | 8015 NM | |
| 890-1384-18 | T-3 (6) | Total/NA | Solid | 8015 NM | |
| 890-1384-19 | T-3 (7) | Total/NA | Solid | 8015 NM | |
| 890-1384-20 | T-3 (8) | Total/NA | Solid | 8015 NM | |
| 890-1384-21 | T-4 (0-1) | Total/NA | Solid | 8015 NM | |
| 890-1384-22 | T-4 (1) | Total/NA | Solid | 8015 NM | |
| 890-1384-23 | T-4 (2) | Total/NA | Solid | 8015 NM | |
| 890-1384-24 | T-4 (3) | Total/NA | Solid | 8015 NM | |
| 890-1384-25 | T-4 (4) | Total/NA | Solid | 8015 NM | |
| 890-1384-26 | T-4 (5) | Total/NA | Solid | 8015 NM | |
| 890-1384-27 | T-4 (6) | Total/NA | Solid | 8015 NM | |
| 890-1384-28 | T-4 (7) | Total/NA | Solid | 8015 NM | |
| 890-1384-29 | T-4 (8) | Total/NA | Solid | 8015 NM | |
| 890-1384-30 | T-4 (9) | Total/NA | Solid | 8015 NM | |
| 890-1384-31 | T-4 (10) | Total/NA | Solid | 8015 NM | |
| 890-1384-32 | T-4 (11) | Total/NA | Solid | 8015 NM | |
| 890-1384-33 | T-4 (12) | Total/NA | Solid | 8015 NM | |
| 890-1384-34 | T-5 (0-1) | Total/NA | Solid | 8015 NM | |
| 890-1384-35 | T-5 (1) | Total/NA | Solid | 8015 NM | |
| 890-1384-36 | T-5 (2) | Total/NA | Solid | 8015 NM | |
| 890-1384-37 | T-5 (3) | Total/NA | Solid | 8015 NM | |
| 890-1384-38 | T-5 (4) | Total/NA | Solid | 8015 NM | |
| 890-1384-39 | T-5 (5) | Total/NA | Solid | 8015 NM | |
| 890-1384-40 | T-5 (6) | Total/NA | Solid | 8015 NM | |
| 890-1384-41 | T-5 (7) | Total/NA | Solid | 8015 NM | |
| 890-1384-42 | T-5 (8) | Total/NA | Solid | 8015 NM | |
| 890-1384-43 | T-5 (9) | Total/NA | Solid | 8015 NM | |
| 890-1384-44 | T-5 (10) | Total/NA | Solid | 8015 NM | |
| 890-1384-45 | T-6 (0-1) | Total/NA | Solid | 8015 NM | |
| 890-1384-46 | T-6 (1) | Total/NA | Solid | 8015 NM | |
| 890-1384-47 | T-6 (2) | Total/NA | Solid | 8015 NM | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 9387 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-1384-48 | T-6 (3) | Total/NA | Solid | 8015 NM | |
| 890-1384-49 | T-6 (4) | Total/NA | Solid | 8015 NM | |
| 890-1384-50 | T-6 (5) | Total/NA | Solid | 8015 NM | |
| 890-1384-51 | T-6 (6) | Total/NA | Solid | 8015 NM | |
| 890-1384-52 | T-6 (7) | Total/NA | Solid | 8015 NM | |
| 890-1384-53 | T-6 (8) | Total/NA | Solid | 8015 NM | |
| 890-1384-54 | T-6 (9) | Total/NA | Solid | 8015 NM | |
| 890-1384-55 | T-6 (10) | Total/NA | Solid | 8015 NM | |
| 890-1384-56 | T-6 (11) | Total/NA | Solid | 8015 NM | |
| 890-1384-57 | T-7 (0-1) | Total/NA | Solid | 8015 NM | |
| 890-1384-58 | T-7 (1) | Total/NA | Solid | 8015 NM | |
| 890-1384-59 | T-7 (2) | Total/NA | Solid | 8015 NM | |
| 890-1384-60 | T-7 (3) | Total/NA | Solid | 8015 NM | |
| 890-1384-61 | T-7 (4) | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 9211

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-1 | T-1 (0-1) | Soluble | Solid | DI Leach | |
| 890-1384-2 | T-1 (1) | Soluble | Solid | DI Leach | |
| 890-1384-3 | T-1 (2) | Soluble | Solid | DI Leach | |
| 890-1384-4 | T-1 (3) | Soluble | Solid | DI Leach | |
| 890-1384-5 | T-1 (4) | Soluble | Solid | DI Leach | |
| 890-1384-6 | T-1 (5) | Soluble | Solid | DI Leach | |
| 890-1384-7 | T-2 (0-1) | Soluble | Solid | DI Leach | |
| MB 880-9211/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-9211/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-9211/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-7011-A-24-E MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-7011-A-24-F MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Leach Batch: 9212

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|----------|------------|
| 890-1384-8 | T-2 (1) | Soluble | Solid | DI Leach | |
| 890-1384-9 | T-2 (2) | Soluble | Solid | DI Leach | |
| 890-1384-10 | T-2 (3) | Soluble | Solid | DI Leach | |
| 890-1384-11 | T-2 (4) | Soluble | Solid | DI Leach | |
| 890-1384-12 - DL | T-3 (0-1) | Soluble | Solid | DI Leach | |
| 890-1384-13 | T-3 (1) | Soluble | Solid | DI Leach | |
| 890-1384-14 | T-3 (2) | Soluble | Solid | DI Leach | |
| 890-1384-15 | T-3 (3) | Soluble | Solid | DI Leach | |
| 890-1384-16 | T-3 (4) | Soluble | Solid | DI Leach | |
| 890-1384-17 | T-3 (5) | Soluble | Solid | DI Leach | |
| 890-1384-18 | T-3 (6) | Soluble | Solid | DI Leach | |
| 890-1384-19 | T-3 (7) | Soluble | Solid | DI Leach | |
| 890-1384-20 | T-3 (8) | Soluble | Solid | DI Leach | |
| 890-1384-21 | T-4 (0-1) | Soluble | Solid | DI Leach | |
| 890-1384-22 | T-4 (1) | Soluble | Solid | DI Leach | |
| 890-1384-23 | T-4 (2) | Soluble | Solid | DI Leach | |
| 890-1384-24 | T-4 (3) | Soluble | Solid | DI Leach | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 9212 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-25 | T-4 (4) | Soluble | Solid | DI Leach | |
| 890-1384-26 | T-4 (5) | Soluble | Solid | DI Leach | |
| 890-1384-27 | T-4 (6) | Soluble | Solid | DI Leach | |
| MB 880-9212/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-9212/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-9212/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-1384-8 MS | T-2 (1) | Soluble | Solid | DI Leach | |
| 890-1384-8 MSD | T-2 (1) | Soluble | Solid | DI Leach | |
| 890-1384-18 MS | T-3 (6) | Soluble | Solid | DI Leach | |
| 890-1384-18 MSD | T-3 (6) | Soluble | Solid | DI Leach | |

Leach Batch: 9213

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-28 | T-4 (7) | Soluble | Solid | DI Leach | |
| 890-1384-29 | T-4 (8) | Soluble | Solid | DI Leach | |
| 890-1384-30 | T-4 (9) | Soluble | Solid | DI Leach | |
| 890-1384-31 | T-4 (10) | Soluble | Solid | DI Leach | |
| 890-1384-32 | T-4 (11) | Soluble | Solid | DI Leach | |
| 890-1384-33 | T-4 (12) | Soluble | Solid | DI Leach | |
| 890-1384-34 | T-5 (0-1) | Soluble | Solid | DI Leach | |
| 890-1384-35 | T-5 (1) | Soluble | Solid | DI Leach | |
| 890-1384-36 | T-5 (2) | Soluble | Solid | DI Leach | |
| 890-1384-37 | T-5 (3) | Soluble | Solid | DI Leach | |
| 890-1384-38 | T-5 (4) | Soluble | Solid | DI Leach | |
| 890-1384-39 | T-5 (5) | Soluble | Solid | DI Leach | |
| MB 880-9213/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-9213/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-9213/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-1384-30 MS | T-4 (9) | Soluble | Solid | DI Leach | |
| 890-1384-30 MSD | T-4 (9) | Soluble | Solid | DI Leach | |

Leach Batch: 9214

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 890-1384-40 | T-5 (6) | Soluble | Solid | DI Leach | |
| 890-1384-41 | T-5 (7) | Soluble | Solid | DI Leach | |
| 890-1384-42 | T-5 (8) | Soluble | Solid | DI Leach | |
| 890-1384-43 | T-5 (9) | Soluble | Solid | DI Leach | |
| 890-1384-44 | T-5 (10) | Soluble | Solid | DI Leach | |
| 890-1384-45 | T-6 (0-1) | Soluble | Solid | DI Leach | |
| 890-1384-46 | T-6 (1) | Soluble | Solid | DI Leach | |
| 890-1384-47 | T-6 (2) | Soluble | Solid | DI Leach | |
| 890-1384-48 | T-6 (3) | Soluble | Solid | DI Leach | |
| 890-1384-49 | T-6 (4) | Soluble | Solid | DI Leach | |
| 890-1384-50 | T-6 (5) | Soluble | Solid | DI Leach | |
| 890-1384-51 | T-6 (6) | Soluble | Solid | DI Leach | |
| 890-1384-52 | T-6 (7) | Soluble | Solid | DI Leach | |
| 890-1384-53 | T-6 (8) | Soluble | Solid | DI Leach | |
| 890-1384-54 | T-6 (9) | Soluble | Solid | DI Leach | |
| 890-1384-55 | T-6 (10) | Soluble | Solid | DI Leach | |
| 890-1384-56 | T-6 (11) | Soluble | Solid | DI Leach | |
| 890-1384-57 | T-7 (0-1) | Soluble | Solid | DI Leach | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 9214 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-58 | T-7 (1) | Soluble | Solid | DI Leach | |
| 890-1384-59 | T-7 (2) | Soluble | Solid | DI Leach | |
| MB 880-9214/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-9214/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-9214/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-1384-40 MS | T-5 (6) | Soluble | Solid | DI Leach | |
| 890-1384-40 MSD | T-5 (6) | Soluble | Solid | DI Leach | |
| 890-1384-50 MS | T-6 (5) | Soluble | Solid | DI Leach | |
| 890-1384-50 MSD | T-6 (5) | Soluble | Solid | DI Leach | |

Leach Batch: 9290

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 890-1384-60 | T-7 (3) | Soluble | Solid | DI Leach | |
| 890-1384-61 | T-7 (4) | Soluble | Solid | DI Leach | |
| MB 880-9290/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-9290/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-9290/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-7007-A-1-B MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-7007-A-1-C MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 9317

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-1 | T-1 (0-1) | Soluble | Solid | 300.0 | 9211 |
| 890-1384-2 | T-1 (1) | Soluble | Solid | 300.0 | 9211 |
| 890-1384-3 | T-1 (2) | Soluble | Solid | 300.0 | 9211 |
| 890-1384-4 | T-1 (3) | Soluble | Solid | 300.0 | 9211 |
| 890-1384-5 | T-1 (4) | Soluble | Solid | 300.0 | 9211 |
| 890-1384-6 | T-1 (5) | Soluble | Solid | 300.0 | 9211 |
| 890-1384-7 | T-2 (0-1) | Soluble | Solid | 300.0 | 9211 |
| MB 880-9211/1-A | Method Blank | Soluble | Solid | 300.0 | 9211 |
| LCS 880-9211/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 9211 |
| LCSD 880-9211/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 9211 |
| 880-7011-A-24-E MS | Matrix Spike | Soluble | Solid | 300.0 | 9211 |
| 880-7011-A-24-F MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 9211 |

Analysis Batch: 9318

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 890-1384-8 | T-2 (1) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-9 | T-2 (2) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-10 | T-2 (3) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-11 | T-2 (4) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-12 - DL | T-3 (0-1) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-13 | T-3 (1) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-14 | T-3 (2) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-15 | T-3 (3) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-16 | T-3 (4) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-17 | T-3 (5) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-18 | T-3 (6) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-19 | T-3 (7) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-20 | T-3 (8) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-21 | T-4 (0-1) | Soluble | Solid | 300.0 | 9212 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 9318 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-22 | T-4 (1) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-23 | T-4 (2) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-24 | T-4 (3) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-25 | T-4 (4) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-26 | T-4 (5) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-27 | T-4 (6) | Soluble | Solid | 300.0 | 9212 |
| MB 880-9212/1-A | Method Blank | Soluble | Solid | 300.0 | 9212 |
| LCS 880-9212/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 9212 |
| LCSD 880-9212/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 9212 |
| 890-1384-8 MS | T-2 (1) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-8 MSD | T-2 (1) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-18 MS | T-3 (6) | Soluble | Solid | 300.0 | 9212 |
| 890-1384-18 MSD | T-3 (6) | Soluble | Solid | 300.0 | 9212 |

Analysis Batch: 9319

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-28 | T-4 (7) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-29 | T-4 (8) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-30 | T-4 (9) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-31 | T-4 (10) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-32 | T-4 (11) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-33 | T-4 (12) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-34 | T-5 (0-1) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-35 | T-5 (1) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-36 | T-5 (2) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-37 | T-5 (3) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-38 | T-5 (4) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-39 | T-5 (5) | Soluble | Solid | 300.0 | 9213 |
| MB 880-9213/1-A | Method Blank | Soluble | Solid | 300.0 | 9213 |
| LCS 880-9213/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 9213 |
| LCSD 880-9213/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 9213 |
| 890-1384-30 MS | T-4 (9) | Soluble | Solid | 300.0 | 9213 |
| 890-1384-30 MSD | T-4 (9) | Soluble | Solid | 300.0 | 9213 |

Analysis Batch: 9320

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 890-1384-40 | T-5 (6) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-41 | T-5 (7) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-42 | T-5 (8) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-43 | T-5 (9) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-44 | T-5 (10) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-45 | T-6 (0-1) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-46 | T-6 (1) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-47 | T-6 (2) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-48 | T-6 (3) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-49 | T-6 (4) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-50 | T-6 (5) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-51 | T-6 (6) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-52 | T-6 (7) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-53 | T-6 (8) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-54 | T-6 (9) | Soluble | Solid | 300.0 | 9214 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 9320 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-55 | T-6 (10) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-56 | T-6 (11) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-57 | T-7 (0-1) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-58 | T-7 (1) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-59 | T-7 (2) | Soluble | Solid | 300.0 | 9214 |
| MB 880-9214/1-A | Method Blank | Soluble | Solid | 300.0 | 9214 |
| LCS 880-9214/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 9214 |
| LCSD 880-9214/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 9214 |
| 890-1384-40 MS | T-5 (6) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-40 MSD | T-5 (6) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-50 MS | T-6 (5) | Soluble | Solid | 300.0 | 9214 |
| 890-1384-50 MSD | T-6 (5) | Soluble | Solid | 300.0 | 9214 |

Analysis Batch: 9456

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-1384-60 | T-7 (3) | Soluble | Solid | 300.0 | 9290 |
| 890-1384-61 | T-7 (4) | Soluble | Solid | 300.0 | 9290 |
| MB 880-9290/1-A | Method Blank | Soluble | Solid | 300.0 | 9290 |
| LCS 880-9290/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 9290 |
| LCSD 880-9290/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 9290 |
| 880-7007-A-1-B MS | Matrix Spike | Soluble | Solid | 300.0 | 9290 |
| 880-7007-A-1-C MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 9290 |

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-1 (0-1)

Lab Sample ID: 890-1384-1

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/13/21 23:55 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/11/21 21:53 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9211 | 10/11/21 12:43 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9317 | 10/12/21 19:45 | CH | XEN MID |

Client Sample ID: T-1 (1)

Lab Sample ID: 890-1384-2

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 00:16 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/11/21 22:57 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9211 | 10/11/21 12:43 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9317 | 10/12/21 19:52 | CH | XEN MID |

Client Sample ID: T-1 (2)

Lab Sample ID: 890-1384-3

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 00:36 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/11/21 23:19 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9211 | 10/11/21 12:43 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9317 | 10/12/21 19:59 | CH | XEN MID |

Client Sample ID: T-1 (3)

Lab Sample ID: 890-1384-4

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 00:56 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-1 (3)

Lab Sample ID: 890-1384-4

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/11/21 23:40 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9211 | 10/11/21 12:43 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9317 | 10/12/21 20:07 | CH | XEN MID |

Client Sample ID: T-1 (4)

Lab Sample ID: 890-1384-5

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 01:17 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 00:01 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9211 | 10/11/21 12:43 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9317 | 10/12/21 20:14 | CH | XEN MID |

Client Sample ID: T-1 (5)

Lab Sample ID: 890-1384-6

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 01:37 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 00:23 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9211 | 10/11/21 12:43 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9317 | 10/12/21 20:21 | CH | XEN MID |

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-1384-7

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 01:58 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 00:44 | AJ | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 890-1384-7

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 9211 | 10/11/21 12:43 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9317 | 10/12/21 20:28 | CH | XEN MID |

Client Sample ID: T-2 (1)

Lab Sample ID: 890-1384-8

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 02:18 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 01:05 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 10 | 9318 | 10/13/21 00:41 | CH | XEN MID |

Client Sample ID: T-2 (2)

Lab Sample ID: 890-1384-9

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 02:38 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 01:27 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9318 | 10/13/21 01:03 | CH | XEN MID |

Client Sample ID: T-2 (3)

Lab Sample ID: 890-1384-10

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 02:59 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 01:48 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9318 | 10/13/21 01:10 | CH | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-2 (4)

Lab Sample ID: 890-1384-11

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 04:21 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 02:30 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9318 | 10/13/21 01:17 | CH | XEN MID |

Client Sample ID: T-3 (0-1)

Lab Sample ID: 890-1384-12

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 04:41 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 14:23 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 02:51 | AJ | XEN MID |
| Soluble | Leach | DI Leach | DL | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | DL | 5 | 9318 | 10/13/21 01:24 | CH | XEN MID |

Client Sample ID: T-3 (1)

Lab Sample ID: 890-1384-13

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 05:01 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 03:12 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 01:46 | CH | XEN MID |

Client Sample ID: T-3 (2)

Lab Sample ID: 890-1384-14

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 05:22 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (2)

Lab Sample ID: 890-1384-14

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 03:33 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 01:53 | CH | XEN MID |

Client Sample ID: T-3 (3)

Lab Sample ID: 890-1384-15

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 05:42 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 03:54 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 02:00 | CH | XEN MID |

Client Sample ID: T-3 (4)

Lab Sample ID: 890-1384-16

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 06:03 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 04:16 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 02:07 | CH | XEN MID |

Client Sample ID: T-3 (5)

Lab Sample ID: 890-1384-17

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 06:23 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 04:37 | AJ | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-3 (5)

Lab Sample ID: 890-1384-17

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 02:14 | CH | XEN MID |

Client Sample ID: T-3 (6)

Lab Sample ID: 890-1384-18

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 06:44 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 04:58 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 02:21 | CH | XEN MID |

Client Sample ID: T-3 (7)

Lab Sample ID: 890-1384-19

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 07:04 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 05:19 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 02:43 | CH | XEN MID |

Client Sample ID: T-3 (8)

Lab Sample ID: 890-1384-20

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9120 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9368 | 10/14/21 07:24 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9374 | 10/13/21 13:00 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9190 | 10/11/21 10:32 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9180 | 10/12/21 05:40 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9318 | 10/13/21 02:50 | CH | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (0-1)

Lab Sample ID: 890-1384-21

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/11/21 21:53 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 03:11 | CH | XEN MID |

Client Sample ID: T-4 (1)

Lab Sample ID: 890-1384-22

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 12:06 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/11/21 22:57 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 03:19 | CH | XEN MID |

Client Sample ID: T-4 (2)

Lab Sample ID: 890-1384-23

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 12:27 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/11/21 23:19 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 03:26 | CH | XEN MID |

Client Sample ID: T-4 (3)

Lab Sample ID: 890-1384-24

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 12:47 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (3)

Lab Sample ID: 890-1384-24

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/11/21 23:40 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 03:33 | CH | XEN MID |

Client Sample ID: T-4 (4)

Lab Sample ID: 890-1384-25

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 13:08 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 00:01 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 03:40 | CH | XEN MID |

Client Sample ID: T-4 (5)

Lab Sample ID: 890-1384-26

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 13:29 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 00:23 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 03:47 | CH | XEN MID |

Client Sample ID: T-4 (6)

Lab Sample ID: 890-1384-27

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 13:49 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 00:44 | AJ | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (6)

Lab Sample ID: 890-1384-27

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 9212 | 10/11/21 12:48 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9318 | 10/13/21 03:54 | CH | XEN MID |

Client Sample ID: T-4 (7)

Lab Sample ID: 890-1384-28

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 14:10 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 01:05 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 18:36 | CH | XEN MID |

Client Sample ID: T-4 (8)

Lab Sample ID: 890-1384-29

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 14:31 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 01:27 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 18:43 | CH | XEN MID |

Client Sample ID: T-4 (9)

Lab Sample ID: 890-1384-30

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 14:52 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 01:48 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 18:49 | CH | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-4 (10)

Lab Sample ID: 890-1384-31

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 16:14 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 02:30 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 19:08 | CH | XEN MID |

Client Sample ID: T-4 (11)

Lab Sample ID: 890-1384-32

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 16:35 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 02:51 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 19:15 | CH | XEN MID |

Client Sample ID: T-4 (12)

Lab Sample ID: 890-1384-33

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 16:55 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 03:12 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 19:34 | CH | XEN MID |

Client Sample ID: T-5 (0-1)

Lab Sample ID: 890-1384-34

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 17:16 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (0-1)

Lab Sample ID: 890-1384-34

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 03:33 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 19:40 | CH | XEN MID |

Client Sample ID: T-5 (1)

Lab Sample ID: 890-1384-35

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 17:37 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 03:54 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 19:46 | CH | XEN MID |

Client Sample ID: T-5 (2)

Lab Sample ID: 890-1384-36

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 17:58 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 04:16 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 19:53 | CH | XEN MID |

Client Sample ID: T-5 (3)

Lab Sample ID: 890-1384-37

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 18:18 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 04:37 | AJ | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (3)

Lab Sample ID: 890-1384-37

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 20:00 | CH | XEN MID |

Client Sample ID: T-5 (4)

Lab Sample ID: 890-1384-38

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 18:39 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 04:58 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 20:06 | CH | XEN MID |

Client Sample ID: T-5 (5)

Lab Sample ID: 890-1384-39

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 19:00 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 05:19 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9213 | 10/11/21 12:50 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9319 | 10/12/21 20:13 | CH | XEN MID |

Client Sample ID: T-5 (6)

Lab Sample ID: 890-1384-40

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9121 | 10/11/21 10:30 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9391 | 10/14/21 19:20 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9398 | 10/13/21 16:28 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9191 | 10/11/21 10:50 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9185 | 10/12/21 05:40 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 09:15 | CH | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (7)

Lab Sample ID: 890-1384-41

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/14/21 22:54 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/11/21 21:26 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9320 | 10/13/21 09:36 | CH | XEN MID |

Client Sample ID: T-5 (8)

Lab Sample ID: 890-1384-42

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/14/21 23:15 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/11/21 22:27 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 10 | 9320 | 10/13/21 09:44 | CH | XEN MID |

Client Sample ID: T-5 (9)

Lab Sample ID: 890-1384-43

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/14/21 23:35 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/11/21 22:48 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9320 | 10/13/21 09:51 | CH | XEN MID |

Client Sample ID: T-5 (10)

Lab Sample ID: 890-1384-44

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/14/21 23:56 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-5 (10)

Lab Sample ID: 890-1384-44

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/11/21 23:08 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9320 | 10/13/21 09:58 | CH | XEN MID |

Client Sample ID: T-6 (0-1)

Lab Sample ID: 890-1384-45

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 00:16 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/11/21 23:29 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 15:29 | CH | XEN MID |

Client Sample ID: T-6 (1)

Lab Sample ID: 890-1384-46

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 00:36 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/11/21 23:49 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 15:42 | CH | XEN MID |

Client Sample ID: T-6 (2)

Lab Sample ID: 890-1384-47

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 00:57 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 00:09 | AJ | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (2)

Lab Sample ID: 890-1384-47

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 15:49 | CH | XEN MID |

Client Sample ID: T-6 (3)

Lab Sample ID: 890-1384-48

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 01:17 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 00:29 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 15:56 | CH | XEN MID |

Client Sample ID: T-6 (4)

Lab Sample ID: 890-1384-49

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 01:38 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 00:49 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 16:04 | CH | XEN MID |

Client Sample ID: T-6 (5)

Lab Sample ID: 890-1384-50

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 01:58 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 01:09 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 16:11 | CH | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (6)

Lab Sample ID: 890-1384-51

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 03:20 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 01:48 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 16:33 | CH | XEN MID |

Client Sample ID: T-6 (7)

Lab Sample ID: 890-1384-52

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 03:41 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 02:08 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 16:40 | CH | XEN MID |

Client Sample ID: T-6 (8)

Lab Sample ID: 890-1384-53

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 04:01 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 02:28 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 17:01 | CH | XEN MID |

Client Sample ID: T-6 (9)

Lab Sample ID: 890-1384-54

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 04:21 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-6 (9)

Lab Sample ID: 890-1384-54

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:09 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 02:48 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 18:32 | CH | XEN MID |

Client Sample ID: T-6 (10)

Lab Sample ID: 890-1384-55

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 04:42 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:17 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 03:08 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 5 | 9320 | 10/13/21 18:39 | CH | XEN MID |

Client Sample ID: T-6 (11)

Lab Sample ID: 890-1384-56

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 05:02 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:17 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 03:28 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 18:46 | CH | XEN MID |

Client Sample ID: T-7 (0-1)

Lab Sample ID: 890-1384-57

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 05:23 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:17 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 03:48 | AJ | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-7 (0-1)

Lab Sample ID: 890-1384-57

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 18:54 | CH | XEN MID |

Client Sample ID: T-7 (1)

Lab Sample ID: 890-1384-58

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 05:43 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:17 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 04:08 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 19:01 | CH | XEN MID |

Client Sample ID: T-7 (2)

Lab Sample ID: 890-1384-59

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 06:04 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:17 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 04:28 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9214 | 10/11/21 12:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9320 | 10/13/21 19:08 | CH | XEN MID |

Client Sample ID: T-7 (3)

Lab Sample ID: 890-1384-60

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9202 | 10/11/21 11:45 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9431 | 10/15/21 06:24 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9454 | 10/14/21 10:53 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:17 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9215 | 10/11/21 13:34 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 04:48 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9290 | 10/12/21 10:34 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9456 | 10/14/21 14:39 | CH | XEN MID |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Client Sample ID: T-7 (4)

Lab Sample ID: 890-1384-61

Date Collected: 10/07/21 00:00

Matrix: Solid

Date Received: 10/08/21 12:01

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 9107 | 10/11/21 10:24 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 9282 | 10/13/21 00:29 | KL | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | 9297 | 10/12/21 10:57 | KL | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | 9387 | 10/13/21 15:17 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 9249 | 10/11/21 15:52 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | 9176 | 10/12/21 06:30 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 9290 | 10/12/21 10:34 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | 9456 | 10/14/21 14:44 | CH | XEN MID |

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400-21-22 | 06-30-22 |

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: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

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

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---------------|------------------|--------|----------------|----------------|-------|
| 890-1384-1 | T-1 (0-1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 0 - 1 |
| 890-1384-2 | T-1 (1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 1 |
| 890-1384-3 | T-1 (2) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 2 |
| 890-1384-4 | T-1 (3) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 3 |
| 890-1384-5 | T-1 (4) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 4 |
| 890-1384-6 | T-1 (5) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 5 |
| 890-1384-7 | T-2 (0-1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 0 |
| 890-1384-8 | T-2 (1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 1 |
| 890-1384-9 | T-2 (2) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 2 |
| 890-1384-10 | T-2 (3) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 3 |
| 890-1384-11 | T-2 (4) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 4 |
| 890-1384-12 | T-3 (0-1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 0 |
| 890-1384-13 | T-3 (1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 1 |
| 890-1384-14 | T-3 (2) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 2 |
| 890-1384-15 | T-3 (3) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 3 |
| 890-1384-16 | T-3 (4) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 4 |
| 890-1384-17 | T-3 (5) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 5 |
| 890-1384-18 | T-3 (6) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 6 |
| 890-1384-19 | T-3 (7) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 7 |
| 890-1384-20 | T-3 (8) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 8 |
| 890-1384-21 | T-4 (0-1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 0 |
| 890-1384-22 | T-4 (1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 1 |
| 890-1384-23 | T-4 (2) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 2 |
| 890-1384-24 | T-4 (3) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 3 |
| 890-1384-25 | T-4 (4) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 4 |
| 890-1384-26 | T-4 (5) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 5 |
| 890-1384-27 | T-4 (6) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 6 |
| 890-1384-28 | T-4 (7) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 7 |
| 890-1384-29 | T-4 (8) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 8 |
| 890-1384-30 | T-4 (9) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 9 |
| 890-1384-31 | T-4 (10) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 10 |
| 890-1384-32 | T-4 (11) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 11 |
| 890-1384-33 | T-4 (12) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 12 |
| 890-1384-34 | T-5 (0-1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 0 |
| 890-1384-35 | T-5 (1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 1 |
| 890-1384-36 | T-5 (2) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 2 |
| 890-1384-37 | T-5 (3) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 3 |
| 890-1384-38 | T-5 (4) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 4 |
| 890-1384-39 | T-5 (5) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 5 |
| 890-1384-40 | T-5 (6) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 6 |
| 890-1384-41 | T-5 (7) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 7 |
| 890-1384-42 | T-5 (8) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 8 |
| 890-1384-43 | T-5 (9) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 9 |
| 890-1384-44 | T-5 (10) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 10 |
| 890-1384-45 | T-6 (0-1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 0 |
| 890-1384-46 | T-6 (1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 1 |
| 890-1384-47 | T-6 (2) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 2 |
| 890-1384-48 | T-6 (3) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 3 |
| 890-1384-49 | T-6 (4) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 4 |
| 890-1384-50 | T-6 (5) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 5 |
| 890-1384-51 | T-6 (6) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 6 |
| 890-1384-52 | T-6 (7) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 7 |
| 890-1384-53 | T-6 (8) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 8 |
| 890-1384-54 | T-6 (9) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 9 |

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Caballo Section 23 TB

Job ID: 890-1384-1
SDG: Lea County NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---------------|------------------|--------|----------------|----------------|-------|
| 890-1384-55 | T-6 (10) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 10 |
| 890-1384-56 | T-6 (11) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 11 |
| 890-1384-57 | T-7 (0-1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 0 |
| 890-1384-58 | T-7 (1) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 1 |
| 890-1384-59 | T-7 (2) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 2 |
| 890-1384-60 | T-7 (3) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 3 |
| 890-1384-61 | T-7 (4) | Solid | 10/07/21 00:00 | 10/08/21 12:01 | 4 |

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

890-1384 Chain of Custody



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| | | | | | | | |
|---|-----------------------|---------------------------------------|------|------------------------------|---------------------|----------------------------|----------------|
| Client Name: EOG Resources | | Site Manager: Brittany Long | | | | | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02521 | | | | | |
| Project Location: (county, state) Lea County, New Mexico | | Invoice to: EOG Resources | | | | | |
| Receiving Laboratory: Xenico Eurofins | | Sampler Signature: Nyles Tapha | | | | | |
| Comments: | | | | | | | |
| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | PRESERVATIVE METHOD | # CONTAINERS | FILTERED (Y/N) |
| | | DATE | TIME | | | | |
| T-1 | (0-1) | 10/7/21 | | | | | |
| T-1 | (1) | 10/7/21 | | | | | |
| T-1 | (2) | 10/7/21 | | | | | |
| T-1 | (3) | 10/7/21 | | | | | |
| T-1 | (4) | 10/7/21 | | | | | |
| T-1 | (5) | 10/7/21 | | | | | |
| T-2 | (0-1) | 10/7/21 | | | | | |
| T-2 | (1) | 10/7/21 | | | | | |
| T-2 | (2) | 10/7/21 | | | | | |
| T-2 | (3) | 10/7/21 | | | | | |
| Relinquished by: Nyles Tapha | | Date: 10/8/21 | | Received by: N. Tapha | | Date: 10/8/21 12:01 | |
| Relinquished by: | | Date: | | Received by: | | Date: | |
| Retransmitted by: | | Date: | | Received by: | | Date: | |

| | | | |
|--------------------------------------|----------|---|------------|
| LAB USE ONLY | REMARKS: | ANALYSIS REQUEST | |
| | | (Circle or check) | |
| STANDARD | | BTEX 8021B | BTEX 8260B |
| RUSH: Same Day 24 hr 48 hr 72 hr | | TPH TX1005 (Ext to C35) | |
| Rush Charges Authorized | | TPH 8015M (GRO - DRO - ORO - MRO) | |
| Special Report Limits or TRRP Report | | PAH 8270C | |
| | | Total Metals Ag As Ba Cd Cr Pb Se Hg | |
| | | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | |
| | | TCLP Volatiles | |
| | | TCLP Semi Volatiles | |
| | | RCI | |
| | | GC/MS Vol. 8260B / 624 | |
| | | GC/MS Semi. Vol. 8270C/625 | |
| | | PCB's 8082 / 608 | |
| | | NORM | |
| | | PLM (Asbestos) | |
| | | Chloride | |
| | | Chloride Sulfate TDS | |
| | | General Water Chemistry (see attached list) | |
| | | Anion/Cation Balance | |

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Analysis Request of Chain of Custody Record

Page 2 of 7

| Tetra Tech, Inc. | | | | | | | | | | | |
|---|-----------------------|----------|------|--------|---|---------------------|------------------|-----|--------------|----------------|--|
| Client Name: EOG Resources | | | | | Site Manager: Brittany Long | | | | | | |
| Project Name: Caballo Section 23 TB | | | | | Project #: 212C-MD-07524 | | | | | | |
| Project Location: (county, state) Lea County, New Mexico | | | | | Invoice to: Todd Wells - EOG Resources | | | | | | |
| Receiving Laboratory: Yenco Eurofins | | | | | Sample Sign-off: Myles Taylor | | | | | | |
| Comments: | | | | | | | | | | | |
| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) |
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | | | |
| | T-2 (14) | 10/7/21 | | X | | | | | | | BTEX 8021B BTEX 8260B |
| | T-3 (10-1) | 10/7/21 | | X | | | | | | | TPH TX1005 (Ext to C35) |
| | T-3 (1) | 10/7/21 | | X | | | | | | | TPH 8015M (GRO - DRO - ORO - MRO) |
| | T-3 (2) | 10/7/21 | | X | | | | | | | PAH 8270C |
| | T-3 (3) | 10/7/21 | | X | | | | | | | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| | T-3 (4) | 10/7/21 | | X | | | | | | | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| | T-3 (5) | 10/7/21 | | X | | | | | | | TCLP Volatiles |
| | T-3 (6) | 10/7/21 | | X | | | | | | | TCLP Semi Volatiles |
| | T-3 (7) | 10/7/21 | | X | | | | | | | RCI |
| | T-3 (8) | 10/7/21 | | X | | | | | | | GC/MS Vol. 8260B / 624 |
| | | | | | | | | | | | GC/MS Semi. Vol. 8270C/625 |
| | | | | | | | | | | | PCB's 8082 / 608 |
| | | | | | | | | | | | NORM |
| | | | | | | | | | | | PLM (Asbestos) |
| | | | | | | | | | | | Chloride |
| | | | | | | | | | | | Chloride Sulfate TDS |
| | | | | | | | | | | | General Water Chemistry (see attached list) |
| | | | | | | | | | | | Anion/Cation Balance |
| | | | | | | | | | | | Hold |

| | | | | | |
|--------------------------------------|-----------------------|-------|-------------------------|-----------------------|--------------------|
| Relinquished by: Myles Taylor | Date: 10/18/21 | Time: | Received by: NTS | Date: 10/18/21 | Time: 12:01 |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |

| | |
|---|---|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD | <input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr |
| <input type="checkbox"/> Sample Temperature | <input type="checkbox"/> Rush Charges Authorized |
| <input type="checkbox"/> Special Report Limits or TRRP Report | |

Circle HAND DELIVERED FEDEX UPS Tracking #

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Analysis Request of Chain of Custody Record

Page

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Tetra Tech, Inc.

901W Wall Street, Ste 100
Madison, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

| | | | |
|---|--|---|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 73 TB | | Project #: 212C-MD-02521 | |
| Project Location: (county, state) Lea County, New Mexico | | Invoice to: Todd Wells - EOG Resources | |
| Receiving Laboratory: Xenos Eurofins | | Sampler Signature: Mylen Taylor | |
| Comments: | | Project #: 02519 (MT 10/18/21) | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | | | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) |
|-------------------------|-----------------------|----------|------|--------|------|---------------------|------------------|-----|------|--|--------------|----------------|--|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | | | | |
| T-4 | (0-1) | 10/7/21 | | X | | | | | | | | | BTEX 8021B BTEX 8260B |
| T-4 | (1) | 10/7/21 | | X | | | | | | | | | TPH TX1005 (Ext to C35) |
| T-4 | (2) | 10/7/21 | | X | | | | | | | | | TPH 8015M (GRO - DRO - ORO - MRO) |
| T-4 | (3) | 10/7/21 | | X | | | | | | | | | PAH 8270C |
| T-4 | (4) | 10/7/21 | | X | | | | | | | | | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| T-4 | (5) | 10/7/21 | | X | | | | | | | | | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| T-4 | (6) | 10/7/21 | | X | | | | | | | | | TCLP Volatiles |
| T-4 | (7) | 10/7/21 | | X | | | | | | | | | TCLP Semi Volatiles |
| T-4 | (8) | 10/7/21 | | X | | | | | | | | | RCI |
| T-4 | (9) | 10/7/21 | | X | | | | | | | | | GC/MS Vol. 8260B / 624 |
| | | | | | | | | | | | | | GC/MS Semi. Vol. 8270C/625 |
| | | | | | | | | | | | | | PCB's 8082 / 608 |
| | | | | | | | | | | | | | NORM |
| | | | | | | | | | | | | | PLM (Asbestos) |
| | | | | | | | | | | | | | Chloride |
| | | | | | | | | | | | | | Chloride Sulfate TDS |
| | | | | | | | | | | | | | General Water Chemistry (see attached list) |
| | | | | | | | | | | | | | Anion/Cation Balance |
| | | | | | | | | | | | | | Hold |


| | | | | | |
|--------------------------------------|-----------------------|--------------------|------------------------------|-----------------------|--------------------|
| Relinquished by: Mylen Taylor | Date: 10/18/21 | Time: 12:02 | Received by: N. Scott | Date: 10/18/21 | Time: 12:02 |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |

| | |
|---|---|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr (72 hr) <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | Sample Temperature: 56/54 Order HAND DELIVERED FEDEX UPS Tracking # |

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Analysis Request of Chain of Custody Record

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| | | | |
|---|--|---|--|
|  Tetra Tech, Inc. | | Client Name: EOG Resources Site Manager: Brittany Long | |
| Project Name: Caballo Section 73 TB | | Project #: 212C-MD-02524 | |
| Project Location: (county, state) Lea County, New Mexico | | Project #: 02519 (MT 10/6/21) | |
| Invoice to: Todd Wells - EOG Resources | | Receiving Laboratory: Xenos Eurofins | |
| Comments: | | Sample Sign-off: Myles Taylor | |

| LAB # (-AB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | | | | | # CONTAINERS | FILTERED (Y/N) |
|-------------------------|-----------------------|----------|------|--------|------|-----|------------------|-----|------|--------------|----------------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | | |
| T-5 (7) | | 10/7/21 | | X | X | X | X | X | X | | |
| T-6 (MT 10/8/21) | T-5 (8) | 10/7/21 | | X | X | X | X | X | X | | |
| T-7 (MT 10/8/21) | T-5 (9) | 10/7/21 | | X | X | X | X | X | X | | |
| T-5 (10) | | 10/7/21 | | X | X | X | X | X | X | | |
| T-6 (10-1) | | 10/7/21 | | X | X | X | X | X | X | | |
| T-6 (11) | | 10/7/21 | | X | X | X | X | X | X | | |
| T-6 (12) | | 10/7/21 | | X | X | X | X | X | X | | |
| T-6 (13) | | 10/7/21 | | X | X | X | X | X | X | | |
| T-6 (14) | | 10/7/21 | | X | X | X | X | X | X | | |
| T-6 (15) | | 10/7/21 | | X | X | X | X | X | X | | |

| | |
|--|--|
| Requisitioned by: Myles Taylor Date: 10/8/21 Time: | Received by: N. Cates Date: 10/8/21 Time: 12:03 |
| Requisitioned by: | Received by: |

| | |
|-------------------|--------------|
| Requisitioned by: | Received by: |
|-------------------|--------------|

| | |
|---|--|
| LAB USE ONLY Sample Temperature 56/5.4 | REMARKS: <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr (72 hr) <input type="checkbox"/> Fresh Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report |
|---|--|

| |
|--|
| ANALYSIS REQUEST (Circle or Specify Method No.) |
| BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) Chloride Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance |

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(Order) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record

Page 6 of 7



Tetra Tech, Inc.

 801 W Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

| | | | |
|--|--|--|--|
| Client Name: EDGE Resources | | Site Manager: Brittany Long | |
| Project Name: Coballo Section 23 TB | | Project #: 212C-MD-02521 | |
| Project Location: (county, state) Lea County, New Mexico | | Invoice to: Todd Wells - EDGE Resources | |
| Receiving Laboratory: Sample Signature: <i>Mufson Tanya</i> | | Project #: 02519 (MT 10/14/21) | |
| Comments: | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | | | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) | |
|-------------------------|-----------------------|----------|------|--------|------|---------------------|------------------|-----|------|------------|--------------|----------------|--|--|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | | | | | |
| | | | | | | | | | | YEAR, 2020 | | | | |
| T-6 | (6) | 10/7/21 | | X | | | | | | | | | | |
| T-6 | (7) | 10/7/21 | | X | | | | | | | | | | |
| T-6 | (8) | 10/7/21 | | X | | | | | | | | | | |
| T-6 | (9) | 10/7/21 | | X | | | | | | | | | | |
| T-6 | (10) | 10/7/21 | | X | | | | | | | | | | |
| T-6 | (11) | 10/7/21 | | X | | | | | | | | | | |
| T-7 | (0-1) | 10/7/21 | | X | | | | | | | | | | |
| T-7 | (1) | 10/7/21 | | X | | | | | | | | | | |
| T-7 | (2) | 10/7/21 | | X | | | | | | | | | | |
| T-7 | (3) | 10/7/21 | | X | | | | | | | | | | |

| | | | | |
|---------------------------------------|---------------|------------------------------------|---------------|-------------|
| Requisitioned by: <i>Mufson Tanya</i> | Date: 10/8/21 | Received by: <i>N. [Signature]</i> | Date: 10/8/21 | Time: 12:03 |
| Relinquished by: | Date: | Received by: | Date: | Time: |

| | |
|---|--|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) Chloride Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Hold |

ORIGINAL COPY

Analysis Request of Chain of Custody Record

Page 1 of 1

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 582-4559
Fax (432) 582-3946

ANALYSIS REQUEST

(Circle or Specify Method No.)

Client Name:

EOG Resources

Site Manager:

Brittany Long

Project Name:

Caballo Section 23 TB

Project Location:

(county), Lea County, New Mexico

Project #:

212C-MD-02524

Invoice to:

Todd Wells - EOG Resources

O251A (MT)
(10/19/21)

Receiving Laboratory:

Kenco Eurofins

Sampler Signature:

Myles Taph

Comments:

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)

YEAR: 2020

DATE

TIME

SAMPLING

MATRIX

PRESERVATIVE METHOD

WATER
SOIL
HCL
HNO₃
ICE
None

CONTAINERS

FILTERED (Y/N)

BTEX 8021B BTEX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCPL Metals Ag As Ba Cd Cr Pb Se Hg

TCPL Volatiles

TCPL Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

Relinquished by:

Myles Taph

Date: Time:

10/5/21

Time:

Received by:

V. Bates

Date: Time:

10/8/21

Time:

LAB USE ONLY

Sample Temperature

5.6/5.4

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr

12 hr

Trust Charges Authorized

Special Report Limits or TRRP Report

Relinquished by:

Date: Time:

Received by:

Date: Time:

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Eurofins Xenco, Carlsbad

1089 N Canal St.

Carlsbad, NM 88220

Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

Environment Testing
America

| | | | | | | | | | | | | | | |
|--|---------|-------------------------------------|-----------------------------|---|--|--|-----------------------------------|---------------------------------------|--|-------------------------------|-----------------------|---------------------|-----------------------------------|-----------------------------------|
| Client Information (Sub Contract Lab) | | Sampler | Lab PM | Carrier Tracking No(s) | COC No | | | | | | | | | |
| Client Contact: | | Phone: | Kramer Jessica | | 890-454-1 | | | | | | | | | |
| Shipping/Receiving | | E-Mail | jessica.kramer@eurofins.com | State of Origin: | Page: 1 of 7 | | | | | | | | | |
| Company | | Accreditations Required (See note): | | Job # | | | | | | | | | | |
| Eurofins Xenco | | NELAP - Louisiana NELAP - Texas | | 890-1384-1 | | | | | | | | | | |
| Address | | Due Date Requested | Analysis Requested | | | | | | | | | | | |
| 1211 W. Florida Ave | | 10/13/2021 | | | | | | | | | | | | |
| City | | TAT Requested (days): | | | | | | | | | | | | |
| Midland | | | | | | | | | | | | | | |
| State, Zip: | | | | | | | | | | | | | | |
| TX 79701 | | | | | | | | | | | | | | |
| Phone: | | PO #: | | | | | | | | | | | | |
| 432-704-5440(Tel) | | | | | | | | | | | | | | |
| Email | | WO #: | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Name: | | Project #: | | | | | | | | | | | | |
| Caballo Secion 23 TB | | 88000013 | | | | | | | | | | | | |
| Site: | | SSOW# | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=organic, A=air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 300_ORGFM_28/DI_LEACH Chloride | 8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO | 8021B/6035FP_Calc BTEX | Total_BTEX_GCV | 8015MOD_Calc | Total Number of containers | Special Instructions/Note: |
| T-1 (0-1) (890-1384-1) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-1 (1) (890-1384-2) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-1 (2) (890-1384-3) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-1 (3) (890-1384-4) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-1 (4) (890-1384-5) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-1 (5) (890-1384-6) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-2 (0-1) (890-1384-7) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-2 (1) (890-1384-8) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| T-2 (2) (890-1384-9) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | X | 1 | |
| <p>Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State or Origin listed above for any of the analytes, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.</p> | | | | | | | | | | | | | | |
| Possible Hazard Identification | | | | | | | | | | | | | | |
| Unconfirmed | | | | | | | | | | | | | | |
| Deliverable Requested I II III IV Other (specify) | | | | | | | | | | | | | | |
| Primary Deliverable Rank 2 | | | | | | | | | | | | | | |
| Special Instructions/QC Requirements | | | | | | | | | | | | | | |
| <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | | | | | | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | | | | | | | | | | | |
| Empty Kit Relinquished by | | | | | | | | | | | | | | |
| Relinquished by: | | Date/Time: | Company | Received by: | Date/Time: | Company | | | | | | | | |
| N. Oates | | 10/10/21 | | J. Kramer | 10.9.21 | | | | | | | | | |
| Relinquished by: | | Date/Time: | Company | Received by: | Date/Time: | Company | | | | | | | | |
| | | | | | | | | | | | | | | |
| Relinquished by: | | Date/Time: | Company | Received by: | Date/Time: | Company | | | | | | | | |
| | | | | | | | | | | | | | | |
| Custody Seals Intact. | | Custody Seal No | | Cooler Temperature(s) °C and Other Remarks. | | | | | | | | | | |
| Δ Yes Δ No | | | | 2.4/2.4 | | | | | | | | | | |

Ver 06/08/2021

Eurofins Xenco, Carlsbad

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

Chain of Custody Record



Environment Testing
America

| | | | | | | | | | | | | | | | | |
|--|--|--|--|-------------------------------------|--------------------------------|-------------------------------------|---|--|-----------------------------------|--|--|-------------------------------|-----------------------|---------------------|-----------------------------------|----------------------------------|
| Client Information (Sub Contract Lab) | | | | Sampler | Lab PM | Carrier Tracking No(s) | COC No | | | | | | | | | |
| Client Contact: | | | | Phone: | Kramer, Jessica | | 890-454 2 | | | | | | | | | |
| Shipping/Receiving | | | | E-Mail | jessica.kramer@eurofinsnet.com | State of Origin: | Page 2 of 7 | | | | | | | | | |
| Company | | | | Accreditations Required (See note): | | | | | | | | | | | | |
| Eurofins Xenco | | | | NELAP - Louisiana NELAP - Texas | | | | | | | | | | | | |
| Address | | | | Due Date Requested | Analysis Requested | | | | | | | | | | | |
| 1211 W Florida Ave | | | | 10/13/2021 | | | | | | | | | | | | |
| City | | | | TAT Requested (days) | | | | | | | | | | | | |
| Midland | | | | | | | | | | | | | | | | |
| State, Zip | | | | | | | | | | | | | | | | |
| TX, 79701 | | | | | | | | | | | | | | | | |
| Phone: | | | | PO #: | | | | | | | | | | | | |
| 432-704-5440(Tel) | | | | WO #: | | | | | | | | | | | | |
| Email | | | | Project #: | | | | | | | | | | | | |
| | | | | 88000013 | | | | | | | | | | | | |
| Project Name | | | | SSOW#: | | | | | | | | | | | | |
| Caballo Section 23 TB | | | | | | | | | | | | | | | | |
| Site | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=wastebld, BT=Trace, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 300_ORGFM_28D/DI_LEACH Chloride | 8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO | 8021B/6035FP_Calc BTEX | Total_BTEX_GCV | 8015MOD_Calc | Total Number of containers | Special Instructions/Note |
| T-2 (3) (890-1384-10) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-2 (4) (890-1384-11) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-3 (0-1) (890-1384-12) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-3 (1) (890-1384-13) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-3 (2) (890-1384-14) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-3 (3) (890-1384-15) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-3 (4) (890-1384-16) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-3 (5) (890-1384-17) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| T-3 (6) (890-1384-18) | | | | 10/7/21 | Mountain | Solid | | X | X | X | X | X | X | X | 1 | |
| <p>Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin, listed above for analysis, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.</p> | | | | | | | | | | | | | | | | |
| Possible Hazard Identification | | | | | | | | | | | | | | | | |
| Unconfirmed | | | | | | | | | | | | | | | | |
| Deliverable Requested I II III IV Other (specify) | | | | | | | | | | | | | | | | |
| Primary Deliverable Rank: 2 | | | | | | | | | | | | | | | | |
| Special Instructions/QAC Requirements | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | | | | | | | | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | | | | | | | | | | | | | |
| Empty Kit Relinquished by | | | | | | | | | | | | | | | | |
| Relinquished by | | | | | | | | | | | | | | | | |
| Relinquished by | | | | | | | | | | | | | | | | |
| Relinquished by | | | | | | | | | | | | | | | | |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| Custody Seal No | | | | | | | | | | | | | | | | |
| Cooler Temperature(s) °C and Other Remarks: | | | | | | | | | | | | | | | | |

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad, NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

Environment Testing
America

| | | | | | | | | | | |
|---|-------------------------------------|----------------------------------|--------------------|--|--|--|-----------------------------------|---------------------------|-----------------------------------|-----------------------------------|
| Client Information (Sub Contract Lab) | | Sampler | Lab PM | Carrier Tracking No(s) | COC No: | | | | | |
| Client Contact: | Phone: | Kramer Jessica | | | 890-454-3 | | | | | |
| Shipping/Receiving | E-Mail: | jessica.kramer@eurofins.com | State of Origin | | Page 3 of 7 | | | | | |
| Company | Accreditations Required (See note): | NEIAP - Louisiana, NEIAP - Texas | New Mexico | | | | | | | |
| Address | Due Date Requested | | | | | | | | | |
| 1211 W Florida Ave | 10/13/2021 | | | | | | | | | |
| City: | TAT Requested (days): | | | | | | | | | |
| Midland | | | | | | | | | | |
| State Zip: | | | | | | | | | | |
| TX, 79701 | | | | | | | | | | |
| Phone | PO # | | | | | | | | | |
| 432-704-5440(Tel) | | | | | | | | | | |
| Email | WO # | | | | | | | | | |
| | | | | | | | | | | |
| Project Name | Project #: | | | | | | | | | |
| Caballo Section 23 TB | 88000013 | | | | | | | | | |
| Site | SSON#: | | | | | | | | | |
| | | | | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab, B=Issue, A=Aliq) | Matrix (W=water, S=solid, O=wasteflow, B=issue, A=Aliq) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | Analysis Requested | Total Number of containers | Special Instructions/Note: |
| T-3 (7) (890-1384-19) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-3 (8) (890-1384-20) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-4 (0-1) (890-1384-21) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-4 (1) (890-1384-22) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-4 (2) (890-1384-23) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-4 (3) (890-1384-24) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-4 (4) (890-1384-25) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-4 (5) (890-1384-26) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| T-4 (6) (890-1384-27) | | 10/7/21 | | Mountain | Solid | X | X | X | X | |
| Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC. | | | | | | | | | | |
| Possible Hazard Identification | | | | | | | | | | |
| Unconfirmed | | | | | | | | | | |
| Deliverable Requested I II III IV, Other (specify) | | | | | | | | | | |
| Primary Deliverable Rank: 2 | | | | | | | | | | |
| Special Instructions/QC Requirements: | | | | | | | | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months | | | | | | | | | | |
| Empty Kit Relinquished by | | | | | | | | | | |
| Date | | | | | | | | | | |
| Time | | | | | | | | | | |
| Method of Shipment: | | | | | | | | | | |
| Relinquished by | | | | | | | | | | |
| Date/Time | | | | | | | | | | |
| Company | | | | | | | | | | |
| Relinquished by | | | | | | | | | | |
| Date/Time | | | | | | | | | | |
| Company | | | | | | | | | | |
| Relinquished by | | | | | | | | | | |
| Date/Time | | | | | | | | | | |
| Company | | | | | | | | | | |
| Custody Seals Intact | | | | | | | | | | |
| Custody Seal No | | | | | | | | | | |
| Cooler Temperature(s) °C and Other Remarks: | | | | | | | | | | |

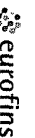
Ver 06/08/2021

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Eurofins Xenco, Carlsbad

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

Chain of Custody Record



Environment Testing
America

| | | | | | | | |
|--|------------------------------------|---------------------------------|----------|-----------------------------|--------------------|-------------------------------------|---|
| Client Information (Sub Contract Lab) | | | | Sampler | Lab P.M. | Carrier Tracking No(s) | COC No |
| Client Contact: | Phone: | Kramer Jessica | | | | | 890-454 4 |
| Shipping/Receiving | E-Mail | Jessica.kramer@eurofins.com | | | | | Page: 4 of 7 |
| Company | Accreditations Required (See note) | NELAP - Louisiana NELAP - Texas | | | | | Job #: |
| Address | Due Date Requested | 10/13/2021 | | | | | 890-1384-1 |
| City | TAT Requested (days) | | | | | | |
| Midland | | | | | | | |
| State, Zip: | | | | | | | |
| TX, 79701 | | | | | | | |
| Phone: | PO # | | | | | | |
| 432-704-5440(Tel) | | | | | | | |
| Email: | WO # | | | | | | |
| | | | | | | | |
| Project Name | Project # | 88000013 | | | | | |
| Cadillac Section 23 TB | SSOV#: | | | | | | |
| Site | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=wastewater, BT=tissue, AA=air) |
| T-4 (7) (890-1384-28) | | 10/7/21 | Mountain | | | | |
| T-4 (8) (890-1384-29) | | 10/7/21 | Mountain | | | | |
| T-4 (9) (890-1384-30) | | 10/7/21 | Mountain | | | | |
| T-4 (10) (890-1384-31) | | 10/7/21 | Mountain | | | | |
| T-4 (11) (890-1384-32) | | 10/7/21 | Mountain | | | | |
| T-4 (12) (890-1384-33) | | 10/7/21 | Mountain | | | | |
| T-5 (0-1) (890-1384-34) | | 10/7/21 | Mountain | | | | |
| T-5 (1) (890-1384-35) | | 10/7/21 | Mountain | | | | |
| T-5 (2) (890-1384-36) | | 10/7/21 | Mountain | | | | |
| <p>Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.</p> | | | | | | | |
| Possible Hazard Identification | | | | | | | |
| Unconfirmed | | | | | | | |
| Deliverable Requested I II III IV, Other (specify) | | | | Primary Deliverable Rank: 2 | | | |
| Empty Kit Relinquished by: | | | | Date | | | |
| Relinquished by: | | | | Date | | | |
| Relinquished by: | | | | Date | | | |
| Relinquished by: | | | | Date | | | |
| Relinquished by: | | | | Date | | | |
| Custody Seals Intact: | | | | Custody Seal No | | | |
| Δ Yes Δ No | | | | | | | |
| Cooler Temperature(s) °C and Other Remarks: | | | | | | | |
| Special Instructions/Note: | | | | | | | |
| <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p> <p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> | | | | | | | |
| <p>Method of Shipment:</p> <p>Received by: <i>Jessica Kramer</i> Date/Time: _____ Company: _____</p> <p>Received by: _____ Date/Time: _____ Company: _____</p> <p>Received by: _____ Date/Time: _____ Company: _____</p> | | | | | | | |

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11
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Eurofins Xenco, Carlsbad

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

Chain of Custody Record



Environment Testing
America

| | | | | | |
|--|-------------------------------------|------------------------------------|---|--|---|
| Client Information (Sub Contract Lab) | | Sampler | Lab PM | Carrier Tracking No(s) | COC No |
| Client Contact: | Phone: | Kramer, Jessica | | | 890-454 5 |
| Shipping/Receiving | E-Mail | jessica.kramer@eurofins.com | State of Origin: | New Mexico | Page 5 of 7 |
| Company: | Accreditations Required (See note): | NE LAP - Louisiana, NE LAP - Texas | Job # | 890-1384-1 | |
| Address: | Due Date Requested | 10/13/2021 | Preservation Codes | | |
| City: | TAT Requested (days): | | A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ammonia H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: | | |
| State Zip | PO # | | M - Hexane N - None O - Acetone P - Na2SO4 Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylalcohol U - Acetone V - MCAA W - pH 4.5 Z - other (specify) | | |
| TX 79701 | WO # | | | | |
| Phone: | Project # | 88000013 | | | |
| 432-704-5440(Tel) | SSOW# | | | | |
| Email | | | | | |
| Project Name | | | | | |
| Caballo Section 23 TB | | | | | |
| Site | | | | | |
| Sample Identification - Client ID (Lab ID) | | | | | |
| T-5 (3) (890-1384-37) | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) |
| | 10/7/21 | Mountain | | Solid | Perform MS/MSD (Yes or No) |
| T-5 (4) (890-1384-38) | 10/7/21 | Mountain | | Solid | 300_ORGFM_28DI_LEACH Chloride |
| T-5 (5) (890-1384-39) | 10/7/21 | Mountain | | Solid | 8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO |
| T-5 (6) (890-1384-40) | 10/7/21 | Mountain | | Solid | 8021B/6035FP_Calc BTEX |
| T-5 (7) (890-1384-41) | 10/7/21 | Mountain | | Solid | Total BTEX_GCV |
| T-5 (8) (890-1384-42) | 10/7/21 | Mountain | | Solid | 8015MOD_Calc |
| T-5 (9) (890-1384-43) | 10/7/21 | Mountain | | Solid | |
| T-5 (10) (890-1384-44) | 10/7/21 | Mountain | | Solid | |
| T-6 (0-1) (890-1384-45) | 10/7/21 | Mountain | | Solid | |
| Special Instructions/Note: | | | | | |
| Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC. | | | | | |
| Possible Hazard Identification | | | | | |
| Unconfirmed | | | | | |
| Deliverable Requested I II III IV Other (specify) | | | | | |
| Primary Deliverable Rank 2 | | | | | |
| Special Instructions/QAC Requirements: | | | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | | |
| Return To Client | | | | | |
| Disposal By Lab | | | | | |
| Archive For Months | | | | | |
| Empty Kit Relinquished by | | | | | |
| Relinquished by | | | | | |
| Relinquished by | | | | | |
| Relinquished by | | | | | |
| Custody Seals Intact: | | | | | |
| Custody Seal No | | | | | |
| Cooler Temperature(s) °C and Other Remarks: | | | | | |

Ver: 06/08/2021

Eurofins Xenco, Carlsbad

1089 N Canal St

Carlsbad NM 88220

Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

Environment Testing
America

| | | | | | |
|---|----------------------|------------------------------------|--------------------|-------------------------------------|---|
| Client Information (Sub Contract Lab) | | Sampler | Lab PM | Carrier Tracking No(s) | COC No: |
| Client Contact: | Phone: | Kramer, Jessica | State of Origin | New Mexico | 890-454-6 |
| Shipping/Receiving | E-Mail | jessica.kramer@eurofinsnet.com | Page: | Page 6 of 7 | |
| Company | Eurofins Xenco | Accreditations Required (See note) | Job #: | 890-1384-1 | |
| Address | 1211 W Florida Ave, | NE LAP - Louisiana NE LAP - Texas | | | |
| City: | TAT Requested (days) | | | | |
| Midland | | | | | |
| State/Zip: | | | | | |
| TX, 79701 | | | | | |
| Phone: | PO # | | | | |
| 432-704-5440(Tel) | | | | | |
| Email | W/O # | | | | |
| | | | | | |
| Project Name: | Project #: | | | | |
| Caballo Section 23 TB | 88000013 | | | | |
| Site | SSOV#: | | | | |
| | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=wastach, BT=tissue, AA=) |
| T-6 (1) (890-1384-46) | | 10/7/21 | Mountain | | Solid |
| T-6 (2) (890-1384-47) | | 10/7/21 | Mountain | | Solid |
| T-6 (3) (890-1384-48) | | 10/7/21 | Mountain | | Solid |
| T-6 (4) (890-1384-49) | | 10/7/21 | Mountain | | Solid |
| T-6 (5) (890-1384-50) | | 10/7/21 | Mountain | | Solid |
| T-6 (6) (890-1384-51) | | 10/7/21 | Mountain | | Solid |
| T-6 (7) (890-1384-52) | | 10/7/21 | Mountain | | Solid |
| T-6 (8) (890-1384-53) | | 10/7/21 | Mountain | | Solid |
| T-6 (9) (890-1384-54) | | 10/7/21 | Mountain | | Solid |
| Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysts/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC. | | | | | |
| Possible Hazard Identification | | | | | |
| Unconfirmed | | | | | |
| Deliverable Requested I II III IV Other (specify) | | | | | |
| Primary Deliverable Rank 2 | | | | | |
| Special Instructions/QC Requirements | | | | | |
| Empty Kit Relinquished by _____ Date _____ Time _____ Method of Shipment: _____ | | | | | |
| Relinquished by <i>[Signature]</i> Date/Time: <i>10/8/21</i> Company _____ Received by <i>[Signature]</i> Date/Time: _____ Company _____ | | | | | |
| Relinquished by _____ Date/Time: _____ Company _____ Received by _____ Date/Time: _____ Company _____ | | | | | |
| Custody Seals Intact: _____ Custody Seal No _____ Cooler Temperature(s) °C and Other Remarks: _____ | | | | | |

Ver 06/08/2021

Eurofins Xenco, Carlsbad

1089 N Canal St.

Carlsbad NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

Environment Testing
America

| | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------------------------|--------------------|-------------------------------------|---|--|-----------------------------------|--|--|-------------------------------|-----------------------|---------------------|-----------------------------------|-----------------------------------|
| Client Information (Sub Contract Lab) | | Sampler | Lab PM | Carrier Tracking No(s) | COC No | | | | | | | | | |
| Client Contact: | Phone | Kramer, Jessica | | | 890-454 7 | | | | | | | | | |
| Shipping/Receiving | E-Mail | jessica.kramer@eurofins.com | State of Origin | | Page 7 of 7 | | | | | | | | | |
| Company | Accreditations Required (See note) | NE LAP - Louisiana NE LAP - Texas | New Mexico | | Job # | | | | | | | | | |
| Eurofins Xenco | | | | | 890-1384-1 | | | | | | | | | |
| Address | Due Date Requested | Analysis Requested | | | | | | | | | | | | |
| 1211 W Florida Ave. | 10/13/2021 | | | | | | | | | | | | | |
| City | TAT Requested (days): | | | | | | | | | | | | | |
| Midland | | | | | | | | | | | | | | |
| State, Zip | | | | | | | | | | | | | | |
| TX, 79701 | | | | | | | | | | | | | | |
| Phone: | PO #: | | | | | | | | | | | | | |
| 432-704-5440(Tel) | | | | | | | | | | | | | | |
| Email: | WO #: | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Name: | Project #: | | | | | | | | | | | | | |
| Caballo Section 23 TB | 88000013 | | | | | | | | | | | | | |
| Site | SSOW#: | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=oil, B=bitumen, A=air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 300_ORGFM_28D/DI_LEACH Chloride | 8016MOD_NM/8016NM_S_Prep (MOD) Full TPH GRO-DRO-MRO | 8021B/6035FP_Calc BTEX | Total_BTEX_GCV | 8016MOD_Calc | Total Number of containers | Special Instructions/Note: |
| T-6 (10) (890-1384-55) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | 1 | | |
| T-6 (11) (890-1384-56) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | 1 | | |
| T-7 (0-1) (890-1384-57) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | 1 | | |
| T-7 (1) (890-1384-58) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | 1 | | |
| T-7 (2) (890-1384-59) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | 1 | | |
| T-7 (3) (890-1384-60) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | 1 | | |
| T-7 (4) (890-1384-61) | 10/7/21 | Mountain | | Solid | | X | X | X | X | X | X | 1 | | |
| <p>Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analytes/methods being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.</p> | | | | | | | | | | | | | | |
| Possible Hazard Identification | | | | | | | | | | | | | | |
| Unconfirmed | | | | | | | | | | | | | | |
| Deliverable Requested I II III, IV Other (specify) | | | | | | | | | | | | | | |
| Primary Deliverable Rank 2 | | | | | | | | | | | | | | |
| Special Instructions/QC Requirements | | | | | | | | | | | | | | |
| <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | | | | | | | | |
| Empty Kit Relinquished by: | | | | | | | | | | | | | | |
| Date/Time: _____ Date: _____ Time: _____ Method of Shipment: _____ | | | | | | | | | | | | | | |
| Relinquished by: _____ Received by: _____ Date/Time: _____ Company: _____ | | | | | | | | | | | | | | |
| Relinquished by: _____ Date/Time: _____ Company: _____ | | | | | | | | | | | | | | |
| Relinquished by: _____ Date/Time: _____ Company: _____ | | | | | | | | | | | | | | |
| Custody Seals Intact: _____ Custody Seal No _____ Cooler Temperature(s) °C and Other Remarks _____ | | | | | | | | | | | | | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | |

Ver 06/08/2021

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1384-1

SDG Number: Lea County NM

Login Number: 1384

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

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

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-1384-1

SDG Number: Lea County NM

Login Number: 1384

List Source: Eurofins Xenco, Midland

List Number: 2

List Creation: 10/11/21 08:46 AM

Creator: Kramer, Jessica

| 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 | 2.4/2.9 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 22, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO SECTION 23 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/21/22 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 02/21/2022 | Sampling Date: | 02/21/2022 |
| Reported: | 02/22/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: HD - 1 (H220665-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.25 | 113 | 2.00 | 3.35 | |
| Toluene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 3.58 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 4.42 | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2022 | ND | 7.12 | 119 | 6.00 | 4.02 | |
| Total BTEX | <0.300 | 0.300 | 02/22/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4760 | 16.0 | 02/22/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 10.6 | 10.0 | 02/22/2022 | ND | 188 | 94.1 | 200 | 17.6 | |
| DRO >C10-C28* | 2210 | 10.0 | 02/22/2022 | ND | 187 | 93.4 | 200 | 0.868 | |
| EXT DRO >C28-C36 | 913 | 10.0 | 02/22/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 293 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 02/21/2022 | Sampling Date: | 02/21/2022 |
| Reported: | 02/22/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: HD - 2 (H220665-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.25 | 113 | 2.00 | 3.35 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 3.58 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 4.42 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2022 | ND | 7.12 | 119 | 6.00 | 4.02 | GC-NC | |
| Total BTEx | <0.300 | 0.300 | 02/22/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 129 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6000 | 16.0 | 02/22/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 32.9 | 10.0 | 02/22/2022 | ND | 188 | 94.1 | 200 | 17.6 | |
| DRO >C10-C28* | 2100 | 10.0 | 02/22/2022 | ND | 187 | 93.4 | 200 | 0.868 | |
| EXT DRO >C28-C36 | 707 | 10.0 | 02/22/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 160 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 02/21/2022 | Sampling Date: | 02/21/2022 |
| Reported: | 02/22/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: HD - 3 (H220665-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.25 | 113 | 2.00 | 3.35 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 3.58 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 4.42 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2022 | ND | 7.12 | 119 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4560 | 16.0 | 02/22/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2022 | ND | 188 | 94.1 | 200 | 17.6 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2022 | ND | 187 | 93.4 | 200 | 0.868 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|----------------|
| Received: | 02/21/2022 | Sampling Date: | 02/21/2022 |
| Reported: | 02/22/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Tamara Oldaker |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: HD - 4 (H220665-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.25 | 113 | 2.00 | 3.35 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 3.58 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2022 | ND | 2.27 | 113 | 2.00 | 4.42 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2022 | ND | 7.12 | 119 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1200 | 16.0 | 02/22/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2022 | ND | 188 | 94.1 | 200 | 17.6 | |
| DRO >C10-C28* | 836 | 10.0 | 02/22/2022 | ND | 187 | 93.4 | 200 | 0.868 | |
| EXT DRO >C28-C36 | 435 | 10.0 | 02/22/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 141 % 59.5-142

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Notes and Definitions

| | |
|-------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| GC-NC | 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND. |
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 30, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO SECTION 23 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/25/22 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 2 (0-1') (H221204-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.02 | 101 | 2.00 | 6.12 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.00 | 99.9 | 2.00 | 5.95 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.4 | 2.00 | 5.92 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.15 | 102 | 6.00 | 5.99 | |
| Total BTEX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET, STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 2 (1-1.5') (H221204-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.02 | 101 | 2.00 | 6.12 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.00 | 99.9 | 2.00 | 5.95 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.4 | 2.00 | 5.92 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.15 | 102 | 6.00 | 5.99 | |
| Total BTEX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET, STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 2 (2-2.5') (H221204-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.02 | 101 | 2.00 | 6.12 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.00 | 99.9 | 2.00 | 5.95 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.4 | 2.00 | 5.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.15 | 102 | 6.00 | 5.99 | | |
| Total BTEX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 2 (3-3.5') (H221204-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.02 | 101 | 2.00 | 6.12 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.00 | 99.9 | 2.00 | 5.95 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.4 | 2.00 | 5.92 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.15 | 102 | 6.00 | 5.99 | |
| Total BTX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 2 (4-4.5') (H221204-05)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.02 | 101 | 2.00 | 6.12 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.00 | 99.9 | 2.00 | 5.95 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.4 | 2.00 | 5.92 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.15 | 102 | 6.00 | 5.99 | |
| Total BTX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 3 (0-1') (H221204-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.02 | 101 | 2.00 | 6.12 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.00 | 99.9 | 2.00 | 5.95 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.4 | 2.00 | 5.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.15 | 102 | 6.00 | 5.99 | | |
| Total BTEX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | 11.2 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 03/25/2022
 Reported: 03/30/2022
 Project Name: CABALLO SECTION 23 TANK BATTERY
 Project Number: 212C - MD - 02519
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/24/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: COMPOSITE SSW - 3 (1-1.5') (H221204-07)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.02 | 101 | 2.00 | 6.12 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.00 | 99.9 | 2.00 | 5.95 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.4 | 2.00 | 5.92 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.15 | 102 | 6.00 | 5.99 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 3 (2-2.5') (H221204-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/30/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/24/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: COMPOSITE SSW - 3 (3-3.5') (H221204-09)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/30/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: COMPOSITE SSW - 3 (4-4.5') (H221204-10)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 901W Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 1 of 1

| | | | | | | | |
|--------------------------------------|--|----------------------------|--|--------------------|--|---------------|--|
| Client Name: | | EOG Resources | | Site Manager: | | Brittany Long | |
| Project Name: | | Caballo Section 23 TB | | Project #: | | 212C-MD-02519 | |
| Project Location: (county, state) | | Lea County, New Mexico | | Project #: | | 212C-MD-02519 | |
| Invoice to: | | EOG Resources - Todd Wells | | Sampler Signature: | | | |
| Receiving Laboratory: | | Cardinal Laboratories | | Comments: | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) |
|-------------------------|--------------------------|-----------|------|--------|------|---------------------|------------------|--------------|----------------|--|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | | |
| 1 | Composite SSW-2 (0-1') | 3/24/2022 | | X | | | | X | | BTEX 8021B BTEX 8260B |
| 2 | Composite SSW-2 (1-1.5') | 3/24/2022 | | X | | | | X | | TPH TX1005 (Ext to C35) |
| 3 | Composite SSW-2 (2-2.5') | 3/24/2022 | | X | | | | X | | TPH 8015M (GRO - DRO - ORO - MRO) |
| 4 | Composite SSW-2 (3-3.5') | 3/24/2022 | | X | | | | X | | PAH 8270C |
| 5 | Composite SSW-2 (4-4.5') | 3/24/2022 | | X | | | | X | | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| 6 | Composite SSW-3 (0-1') | 3/24/2022 | | X | | | | X | | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| 7 | Composite SSW-3 (1-1.5') | 3/24/2022 | | X | | | | X | | TCLP Volatiles |
| 8 | Composite SSW-3 (2-2.5') | 3/24/2022 | | X | | | | X | | TCLP Semi Volatiles |
| 9 | Composite SSW-3 (3-3.5') | 3/24/2022 | | X | | | | X | | RCI |
| 10 | Composite SSW-3 (4-4.5') | 3/24/2022 | | X | | | | X | | GC/MS Vol. 8260B / 624 |
| | | | | | | | | | | GC/MS Semi. Vol. 8270C/625 |
| | | | | | | | | | | PCB's 8082 / 608 |
| | | | | | | | | | | NORM |
| | | | | | | | | | | PLM (Asbestos) |
| | | | | | | | | | | Chloride |
| | | | | | | | | | | Chloride Sulfate TDS |
| | | | | | | | | | | General Water Chemistry (see attached list) |
| | | | | | | | | | | Anion/Cation Balance |
| | | | | | | | | | | Hold |

| | | | | | |
|------------------|-------|-------|--------------|-------|-------|
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |

| | | | | | |
|------------------|-------|-------|--------------|-------|-------|
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
|------------------|-------|-------|--------------|-------|-------|

| | |
|--|---|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | Sample Temperature 5.12°C 4.68 #113 |

ORIGINAL COPY



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 31, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO SECTION 23 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/25/22 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 1 (0-2') (H221205-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/24/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (0-2') (H221205-02)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/24/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (0-2') (H221205-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 4 (0-2') (H221205-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 186 | 93.2 | 200 | 6.96 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 179 | 89.5 | 200 | 5.90 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 5 (0-6') (H221205-05)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 6 (0-6') (H221205-06)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 7 (0-6') (H221205-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.2 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 8 (0-6') (H221205-08)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 9 (0-6') (H221205-09)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2560 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 10 (0-3.5') (H221205-10)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 11 (0-3.5') (H221205-11)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 12 (0-3.5') (H221205-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 13 (0-3.5') (H221205-13)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 14 (0-3.5') (H221205-14)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.4 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15 (0-1.5') (H221205-15)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 16 (0-1.5') (H221205-16)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 17 (0-1.5') (H221205-17)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.96 | 97.9 | 2.00 | 11.0 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.94 | 96.9 | 2.00 | 10.8 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.93 | 96.6 | 2.00 | 10.9 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 5.97 | 99.4 | 6.00 | 10.9 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 18 (0-1.5') (H221205-18)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.11 | 105 | 2.00 | 4.22 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.09 | 105 | 2.00 | 3.46 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 4.13 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.43 | 107 | 6.00 | 3.98 | | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 19 (0-1.5') (H221205-19)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.11 | 105 | 2.00 | 4.22 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.09 | 105 | 2.00 | 3.46 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 4.13 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.43 | 107 | 6.00 | 3.98 | | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 26 (0-2') (H221205-20)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.11 | 105 | 2.00 | 4.22 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.09 | 105 | 2.00 | 3.46 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 4.13 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.43 | 107 | 6.00 | 3.98 | | |
| Total BTEX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 27 (0-2') (H221205-21)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | QR-03 |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | QR-03 |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | QR-03 |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 28 (0-5') (H221205-22)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 608 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 29 (0-5') (H221205-23)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 30 (0-5') (H221205-24)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTEX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 237 | 119 | 200 | 14.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 211 | 106 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 31 (0-5') (H221205-25)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTX | <0.300 | 0.300 | 03/29/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/24/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 1 (2') (H221205-26)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.2 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 2 (2') (H221205-27)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/24/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 3 (2') (H221205-28)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.3 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/24/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 4 (2') (H221205-29)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/29/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/29/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/29/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEx | <0.300 | 0.300 | 03/29/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 5 (6') (H221205-30)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1390 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 20.4 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | 690 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | 121 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 6 (6') (H221205-31)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | 0.116 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | 1.32 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | 7.73 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTX | 9.17 | 0.300 | 03/30/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 214 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1310 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 332 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | 1820 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | 289 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 7 (6') (H221205-32)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|-------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | 1.08 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | 4.94 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | 24.7 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTEX | 30.7 | 0.300 | 03/30/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 297 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1730 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 1020 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | 4870 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | 834 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 194 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 8 (6') (H221205-33)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1310 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.1 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 9 (6') (H221205-34)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|-----------------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | 0.644 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | 4.02 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTX | 4.66 | 0.300 | 03/30/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 180 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1380 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 314 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | 2080 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | 410 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 135 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 10 (3.5') (H221205-35)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 11 (3.5') (H221205-36)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 03/30/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 12 (3.5') (H221205-37)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 13 (3.5') (H221205-38)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 14 (3.5') (H221205-39)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 15 (3.5') (H221205-40)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.08 | 104 | 2.00 | 2.26 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.07 | 104 | 2.00 | 2.91 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 2.15 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.17 | 103 | 6.00 | 2.43 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 16 (3.5') (H221205-41)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.03 | 102 | 2.00 | 7.29 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.00 | 100 | 2.00 | 8.40 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 7.91 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.13 | 102 | 6.00 | 8.33 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 17 (1.5') (H221205-42)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.03 | 102 | 2.00 | 7.29 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.00 | 100 | 2.00 | 8.40 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 7.91 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.13 | 102 | 6.00 | 8.33 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 400 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.7 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 18 (1.5') (H221205-43)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.03 | 102 | 2.00 | 7.29 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.00 | 100 | 2.00 | 8.40 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 7.91 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.13 | 102 | 6.00 | 8.33 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 416 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.2 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 03/25/2022
Reported: 03/31/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 03/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 19 (1.5') (H221205-44)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.03 | 102 | 2.00 | 7.29 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.00 | 100 | 2.00 | 8.40 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 7.91 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.13 | 102 | 6.00 | 8.33 | | |
| Total BTEX | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/30/2022 | ND | 194 | 96.8 | 200 | 0.0331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/30/2022 | ND | 209 | 104 | 200 | 6.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/30/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 22 (5') (H221205-45)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.03 | 102 | 2.00 | 7.29 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.00 | 100 | 2.00 | 8.40 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 7.91 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.13 | 102 | 6.00 | 8.33 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 223 | 112 | 200 | 1.62 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 241 | 120 | 200 | 1.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 03/25/2022 | Sampling Date: | 03/25/2022 |
| Reported: | 03/31/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 23 (5') (H221205-46)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.03 | 102 | 2.00 | 7.29 | | |
| Toluene* | <0.050 | 0.050 | 03/30/2022 | ND | 2.00 | 100 | 2.00 | 8.40 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/30/2022 | ND | 1.99 | 99.6 | 2.00 | 7.91 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/30/2022 | ND | 6.13 | 102 | 6.00 | 8.33 | | |
| Total BTEx | <0.300 | 0.300 | 03/30/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 03/30/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/29/2022 | ND | 223 | 112 | 200 | 1.62 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/29/2022 | ND | 241 | 120 | 200 | 1.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/29/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-------|---|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Page 1 of 5



Tetra Tech, Inc.

 901W Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Client Name: EOG Resources Site Manager: Brittany Long

Project Name: Caballo Section 23 TB

Project Location:

Lea County, New Mexico

Project #:

212C-MD-02519

Invoice to:

EOG Resources - Todd Wells

Receiving Laboratory:

Cardinal Laboratories

Sampler Signature:

Comments:

SAMPLE IDENTIFICATION

LAB #
(LAB USE ONLY)

SAMPLING

YEAR: 2020

DATE TIME

MATRIX

PRESERVATIVE METHOD

WATER SOIL HCL HNO₃ ICE None

CONTAINERS

FILTERED (Y/N)

BTX 8021B BTX 8260B

TPH TX1005 (Ext to C35)

TPH 8015M (GRO - DRO - ORO - MRO)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

RCI

GC/MS Vol. 8260B / 624

GC/MS Semi. Vol. 8270C/625

PCB's 8082 / 608

NORM

PLM (Asbestos)

Chloride

Chloride Sulfate TDS

General Water Chemistry (see attached list)

Anion/Cation Balance

Hold

ANALYSIS REQUEST

(Circle or Specify Method No.)

Relinquished by:

Date: Time:

Relinquished by:

Date: Time:

Relinquished by:

Date: Time:

Received by:

Date: Time:

Received by:

Date: Time:

Received by:

Date: Time:

LAB USE ONLY

REMARKS:

STANDARD

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 901W Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 2 of 5

Page 50 of 53

| | | | |
|---|--|---|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 23 TB | | Project #: Brittany.Long@tetratech.com | |
| Project Location: Lea County, New Mexico | | Project #: 212C-MD-02519 | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: | |
| Receiving Laboratory: Cardinal Laboratories | | Comments: | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | | | | # CONTAINERS | FILTERED (Y/N) |
|-------------------------|-----------------------|-----------|------|--------|------|---------------------|------------------|-----|------|--|--------------|----------------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | | | |
| 11 | SW-11 (0-3.5') | 3/25/2022 | | X | | | | X | | | | |
| 12 | SW-12 (0-3.5') | 3/25/2022 | | X | | | | X | | | | |
| 13 | SW-13 (0-3.5') | 3/25/2022 | | X | | | | X | | | | |
| 14 | SW-14 (0-3.5') | 3/25/2022 | | X | | | | X | | | | |
| 15 | SW-15 (0-1.5') | 3/25/2022 | | X | | | | X | | | | |
| 16 | SW-16 (0-1.5') | 3/25/2022 | | X | | | | X | | | | |
| 17 | SW-17 (0-1.5') | 3/25/2022 | | X | | | | X | | | | |
| 18 | SW-18 (0-1.5') | 3/25/2022 | | X | | | | X | | | | |
| 19 | SW-19 (0-1.5') | 3/25/2022 | | X | | | | X | | | | |
| 20 | SW-26 (0-2') | 3/25/2022 | | X | | | | X | | | | |

| LAB USE ONLY | REMARKS: |
|--|----------|
| <input type="checkbox"/> STANDARD | |
| <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr | |
| <input type="checkbox"/> Rush Charges Authorized | |
| <input type="checkbox"/> Special Report Limits or TRRP Report | |

| LAB USE ONLY | ANALYSIS REQUEST (Circle or Specify Method No.) |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | BTEX 8021B BTEX 8260B |
| <input checked="" type="checkbox"/> | TPH TX1005 (Ext to C35) |
| <input checked="" type="checkbox"/> | TPH 8015M (GRO - DRO - ORO - MRO) |
| <input checked="" type="checkbox"/> | PAH 8270C |
| <input checked="" type="checkbox"/> | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| <input checked="" type="checkbox"/> | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| <input checked="" type="checkbox"/> | TCLP Volatiles |
| <input checked="" type="checkbox"/> | TCLP Semi Volatiles |
| <input checked="" type="checkbox"/> | RCI |
| <input checked="" type="checkbox"/> | GC/MS Vol. 8260B / 624 |
| <input checked="" type="checkbox"/> | GC/MS Semi. Vol. 8270C/625 |
| <input checked="" type="checkbox"/> | PCB's 8082 / 608 |
| <input checked="" type="checkbox"/> | NORM |
| <input checked="" type="checkbox"/> | PLM (Asbestos) |
| <input checked="" type="checkbox"/> | Chloride |
| <input checked="" type="checkbox"/> | Chloride Sulfate TDS |
| <input checked="" type="checkbox"/> | General Water Chemistry (see attached list) |
| <input checked="" type="checkbox"/> | Anion/Cation Balance |
| <input checked="" type="checkbox"/> | Hold |

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Page 3 of 5

| | | | |
|---|--|-----------------------------|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02519 | |
| Project Location: Lea County, New Mexico | | Project #: 212C-MD-02519 | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: | |
| Receiving Laboratory: Cardinal Laboratories | | Sampler Signature: | |
| Comments: | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) |
|-------------------------|-----------------------|-----------|------|--------|------|---------------------|------------------|--------------|----------------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | |
| 21 | SW-27 (0-2') | 3/25/2022 | | X | | | | X | |
| 22 | SW-28 (0-5') | 3/25/2022 | | X | | | | X | |
| 23 | SW-29 (0-5') | 3/25/2022 | | X | | | | X | |
| 24 | SW-30 (0-5') | 3/25/2022 | | X | | | | X | |
| 25 | SW-31 (0-5') | 3/25/2022 | | X | | | | X | |
| 26 | BH-1 (2') | 3/24/2022 | | X | | | | X | |
| 27 | BH-2 (2') | 3/24/2022 | | X | | | | X | |
| 28 | BH-3 (2') | 3/24/2022 | | X | | | | X | |
| 29 | BH-4 (2') | 3/24/2022 | | X | | | | X | |
| 30 | BH-5 (6') | 3/25/2022 | | X | | | | X | |

| LAB USE ONLY | REMARKS: |
|--|---|
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) Chloride Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Hold |

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Page 4 of 5



901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Brittany Long

Brittany.Long@tetrattech.com

212C-MD-02519

Cardinal Laboratories

Sampler Signature:

SAMPLE IDENTIFICATION

| SAMPLING | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) |
|----------|------|---------------------|------|--------------|----------------|
| DATE | TIME | WATER | SOIL | | |
| | | HCL | | | |
| | | HNO ₃ | | | |
| | | ICE | | | |
| | | None | | | |
| | | | | | |

| | |
|-------------------------------|------------|
| BTEX 8021B | BTEX 8260B |
| TPH TX1005 (Ext to C35) | |
| TPH 8015M (GRO - DRO - C | |
| PAH 8270C | |
| Total Metals Ag As Ba Cd Cr R | |
| TCLP Metals Ag As Ba Cd Cr | |
| TCLP Volatiles | |
| TCLP Semi Volatiles | |
| RCI | |
| GC/MS Vol. 8260B / 624 | |
| GC/MS Semi. Vol. 8270C/625 | |
| PCB's 8082 / 608 | |
| NORM | |
| PLM (Asbestos) | |
| Chloride | |
| Chloride Sulfate TDS | |
| General Water Chemistry (se | |
| Anion/Cation Balance | |

Hold

[illegible]

| Date: | Time: |
|---------|-------|
| 3.25.22 | 1640 |

Date: Time:

☐ STANDARD

☒ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

ORIGINAL COPY

ANALYSIS REQUEST
(Circle or Specify Method No.)

| (Circle) | HAND DELIVERED | FEDEX | UPS | Tracking # |
|----------|----------------|-------|-----|------------|
|----------|----------------|-------|-----|------------|



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 06, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO SECTION 23 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/04/22 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 24 (2') (H221333-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.05 | 102 | 2.00 | 3.79 | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.98 | 98.9 | 2.00 | 8.63 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.96 | 97.8 | 2.00 | 6.19 | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 5.73 | 95.6 | 6.00 | 6.51 | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 656 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 189 | 94.4 | 200 | 5.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 179 | 89.7 | 200 | 9.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 25 (2') (H221333-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEx | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 656 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 189 | 94.4 | 200 | 5.51 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 179 | 89.7 | 200 | 9.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 04/04/2022
 Reported: 04/06/2022
 Project Name: CABALLO SECTION 23 TANK BATTERY
 Project Number: 212C - MD - 02519
 Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: BH - 26 (2') (H221333-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 640 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 27 (2') (H221333-04)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 656 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 28 (2') (H221333-05)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 688 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 29 (2') (H221333-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEx | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 30 (2') (H221333-07)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEx | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET, STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 31 (5') (H221333-08)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 960 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | 62.2 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | 28.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 32 (2') (H221333-09)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 33 (2') (H221333-10)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 34 (2') (H221333-11)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 35 (2') (H221333-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | |
| Total BTEx | <0.300 | 0.300 | 04/05/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET, STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 36 (2') (H221333-13)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 37 (2') (H221333-14)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 38 (5') (H221333-15)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEx | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 28 (0-5') (H221333-16)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 32 (0-2') (H221333-17)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 33 (0-2') (H221333-18)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 672 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 34 (0-2') (H221333-19)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 35 (0-2') (H221333-20)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 36 (0-2') (H221333-21)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.08 | 104 | 2.00 | 0.334 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.04 | 102 | 2.00 | 0.963 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.94 | 97.1 | 2.00 | 0.150 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.02 | 100 | 6.00 | 0.296 | | |
| Total BTX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 37 (0-2') (H221333-22)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTEX | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 190 | 95.2 | 200 | 0.392 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 208 | 104 | 200 | 0.434 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 38 (0-2') (H221333-23)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTEx | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 39 (0-2') (H221333-24)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTEX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 40 (0-2') (H221333-25)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET, STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 41 (0-2') (H221333-26)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTEX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 42 (0-2') (H221333-27)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.6 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 43 (0-2') (H221333-28)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 672 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 44 (0-2') (H221333-29)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTEX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 04/05/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 45 (0-2') (H221333-30)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 46 (0-2') (H221333-31)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 47 (0-2') (H221333-32)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 48 (0-2') (H221333-33)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.4 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 49 (0-2') (H221333-34)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 50 (0-2') (H221333-35)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | |
| Total BTEX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 51 (0-2') (H221333-36)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTEX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 52 (0-2') (H221333-37)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 272 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET, STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 53 (0-2') (H221333-38)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTEX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 288 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.8 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 54 (0-5') (H221333-39)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 55 (0-5') (H221333-40)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/04/2022
Reported: 04/06/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/04/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 56 (0-5') (H221333-41)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.13 | 107 | 2.00 | 0.747 | | |
| Toluene* | <0.050 | 0.050 | 04/06/2022 | ND | 2.10 | 105 | 2.00 | 0.424 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/06/2022 | ND | 1.99 | 99.6 | 2.00 | 0.962 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/06/2022 | ND | 6.20 | 103 | 6.00 | 1.77 | | |
| Total BTX | <0.300 | 0.300 | 04/06/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/04/2022 | Sampling Date: | 04/04/2022 |
| Reported: | 04/06/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 57 (0-5') (H221333-42)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.18 | 109 | 2.00 | 6.87 | | |
| Toluene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.15 | 108 | 2.00 | 6.39 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/05/2022 | ND | 2.12 | 106 | 2.00 | 6.10 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/05/2022 | ND | 6.51 | 108 | 6.00 | 5.76 | | |
| Total BTEx | <0.300 | 0.300 | 04/05/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 04/05/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/05/2022 | ND | 178 | 89.2 | 200 | 3.32 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/05/2022 | ND | 183 | 91.4 | 200 | 4.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/05/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Notes and Definitions

| | |
|-------|---|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W. Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

| | | | | | | | | | |
|---|-----------------------|---|------------|-----------------------------------|---------------------|--------------|----------------|--|---|
| Client Name: EOG Resources | | Site Manager: Brittany Long | | | | | | | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02519 | | | | | | | |
| Project Location: Lea County, New Mexico | | Sampler Signature: <i>Erin M. Moore</i> | | | | | | | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: <i>Erin M. Moore</i> | | | | | | | |
| Receiving Laboratory: Cardinal Laboratories | | Sampler Signature: <i>Erin M. Moore</i> | | | | | | | |
| Comments: | | | | | | | | | |
| LAB # H081333 (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | PRESERVATIVE METHOD | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) | |
| | | YEAR: 2020 | DATE | | | | | | TIME |
| 1 | BH-24 (2) | | 4/4/2022 | | X | | X | | BTEX 8021B BTEX 8260B |
| 2 | BH-25 (2) | | 4/4/2022 | | X | | X | | TPH TX1005 (Ext to C35) |
| 3 | BH-26 (2) | | 4/4/2022 | | X | | X | | TPH 8015M (GRO - DRO - ORO - MRO) |
| 4 | BH-27 (2) | | 4/4/2022 | | X | | X | | PAH 8270C |
| 5 | BH-28 (2) | | 4/4/2022 | | X | | X | | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| 6 | BH-29 (2) | | 4/4/2022 | | X | | X | | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| 7 | BH-30 (2) | | 4/4/2022 | | X | | X | | TCLP Volatiles |
| 8 | BH-31 (5) | | 4/4/2022 | | X | | X | | TCLP Semi Volatiles |
| 9 | BH-32 (2) | | 4/4/2022 | | X | | X | | RCI |
| 10 | BH-33 (2) | | 4/4/2022 | | X | | X | | GC/MS Vol. 8260B / 624 |
| Relinquished by: <i>Erin M. Moore</i> | | Date: 4/4/22 | Time: 1610 | Received by: <i>Brittany Long</i> | Date: 4/4/22 | Time: 1610 | REMARKS: | | PCB's 8082 / 608 |
| Relinquished by: | | Date: | Time: | Received by: | Date: | Time: | REMARKS: | | NORM |
| Relinquished by: | | Date: | Time: | Received by: | Date: | Time: | REMARKS: | | PLM (Asbestos) |
| Relinquished by: | | Date: | Time: | Received by: | Date: | Time: | REMARKS: | | Chloride |
| Relinquished by: | | Date: | Time: | Received by: | Date: | Time: | REMARKS: | | Chloride Sulfate TDS |
| Relinquished by: | | Date: | Time: | Received by: | Date: | Time: | REMARKS: | | General Water Chemistry (see attached list) |
| Relinquished by: | | Date: | Time: | Received by: | Date: | Time: | REMARKS: | | Anion/Cation Balance |
| Relinquished by: | | Date: | Time: | Received by: | Date: | Time: | REMARKS: | | Hold |

LAB USE ONLY

REMARKS:

☐ STANDARD

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

Sample Temperature: 8.3°C -0.5°C

7.8°C #113

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

| | | | |
|---|--|--------------------------------------|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02519 | |
| Project Location: Lea County, New Mexico | | Project #: 212C-MD-02519 | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: <i>Erin Moore</i> | |
| Receiving Laboratory: Cardinal Laboratories | | Sampler Signature: <i>Erin Moore</i> | |
| Comments: | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) | | |
|-------------------------|-----------------------|----------|------|--------|------|---------------------|------------------|--------------|----------------|-----|------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | | ICE | None |
| | | | | | | | | | | | |
| 11 | BH-34 (2) | 4/4/2022 | | X | | | | X | | | |
| 12 | BH-35 (2) | 4/4/2022 | | X | | | | X | | | |
| 13 | BH-36 (2) | 4/4/2022 | | X | | | | X | | | |
| 14 | BH-37 (2) | 4/4/2022 | | X | | | | X | | | |
| 15 | BH-38 (5) | 4/4/2022 | | X | | | | X | | | |
| 16 | SW-28 (0-5) | 4/4/2022 | | X | | | | X | | | |
| 17 | SW-32 (0-2) | 4/4/2022 | | X | | | | X | | | |
| 18 | SW-33 (0-2) | 4/4/2022 | | X | | | | X | | | |
| 19 | SW-34 (0-2) | 4/4/2022 | | X | | | | X | | | |
| 20 | SW-35 (0-2) | 4/4/2022 | | X | | | | X | | | |

| | | | | | |
|------------------------------------|---------------|------------|-----------------------------------|---------------|------------|
| Relinquished by: <i>Erin Moore</i> | Date: 4/14/22 | Time: 1610 | Received by: <i>Brittany Long</i> | Date: 4/14/22 | Time: 1410 |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |

| | | | |
|---|--------------------------------------|------------|--|
| LAB USE ONLY | BTEX 8021B | BTEX 8260B | |
| | TPH TX1005 (Ext to C35) | | |
| | TPH 8015M (GRO - DRO - ORO - MRO) | | |
| | PAH 8270C | | |
| | Total Metals Ag As Ba Cd Cr Pb Se Hg | | |
| | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | | |
| | TCLP Volatiles | | |
| | TCLP Semi Volatiles | | |
| | RCI | | |
| | GC/MS Vol. 8260B / 624 | | |
| | GC/MS Semi. Vol. 8270C/625 | | |
| | PCB's 8082 / 608 | | |
| | NORM | | |
| | PLM (Asbestos) | | |
| | Chloride | | |
| Chloride Sulfate TDS | | | |
| General Water Chemistry (see attached list) | | | |
| Anion/Cation Balance | | | |
| Hold | | | |

| | |
|---|--|
| REMARKS: | LAB USE ONLY |
| <input type="checkbox"/> STANDARD | <input checked="" type="checkbox"/> RUSH |
| <input type="checkbox"/> Rush Charges Authorized | |
| <input type="checkbox"/> Special Report Limits or TRRP Report | |

Sample Temperature: 8.3°C / -0.5°C

Time: 72 hr

Circle HAND DELIVERED FEDEX UPS Tracking #

ORIGINAL COPY



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 08, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO SECTION 23 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/06/22 8:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 6 (8') (H221364-01)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS\ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/07/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTX | <0.300 | 0.300 | 04/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1150 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 7 (8') (H221364-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | S-04 | |
|----------------|--------------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | |
| Toluene* | 0.971 | 0.050 | 04/07/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | |
| Ethylbenzene* | 4.37 | 0.050 | 04/07/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | |
| Total Xylenes* | 20.3 | 0.150 | 04/07/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | |
| Total BTEX | 25.6 | 0.300 | 04/07/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 338 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 375 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | 1700 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | 257 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 146 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET, STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/06/2022
Reported: 04/08/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/05/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH - 9 (8') (H221364-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/07/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEx | <0.300 | 0.300 | 04/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 20 (2') (H221364-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/07/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEx | <0.300 | 0.300 | 04/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 21 (2') (H221364-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/07/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEx | <0.300 | 0.300 | 04/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 9 (0-8') (H221364-06)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/07/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/07/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEX | <0.300 | 0.300 | 04/07/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 20 (0-2') (H221364-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEX | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/06/2022
Reported: 04/08/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/05/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 21 (0-2') (H221364-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEx | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 22 (0-2') (H221364-09)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEx | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 23 (0-2') (H221364-10)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.18 | 109 | 2.00 | 0.956 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.16 | 108 | 2.00 | 0.959 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.14 | 107 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.62 | 110 | 6.00 | 1.45 | | |
| Total BTEx | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/06/2022
Reported: 04/08/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/05/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 24 (0-2') (H221364-11)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.26 | 113 | 2.00 | 4.53 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.22 | 111 | 2.00 | 4.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.19 | 110 | 2.00 | 4.74 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.74 | 112 | 6.00 | 4.01 | | |
| Total BTEX | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 25 (0-2') (H221364-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.26 | 113 | 2.00 | 4.53 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.22 | 111 | 2.00 | 4.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.19 | 110 | 2.00 | 4.74 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.74 | 112 | 6.00 | 4.01 | | |
| Total BTEx | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.7 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 58 (0-8') (H221364-13)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.26 | 113 | 2.00 | 4.53 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.22 | 111 | 2.00 | 4.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.19 | 110 | 2.00 | 4.74 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.74 | 112 | 6.00 | 4.01 | | |
| Total BTEx | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 59 (0-8') (H221364-14)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.26 | 113 | 2.00 | 4.53 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.22 | 111 | 2.00 | 4.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.19 | 110 | 2.00 | 4.74 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.74 | 112 | 6.00 | 4.01 | | |
| Total BTEX | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 60 (0-8') (H221364-15)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.26 | 113 | 2.00 | 4.53 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.22 | 111 | 2.00 | 4.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.19 | 110 | 2.00 | 4.74 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.74 | 112 | 6.00 | 4.01 | | |
| Total BTEx | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 61 (0-8') (H221364-16)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.26 | 113 | 2.00 | 4.53 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.22 | 111 | 2.00 | 4.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.19 | 110 | 2.00 | 4.74 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.74 | 112 | 6.00 | 4.01 | | |
| Total BTEx | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/06/2022 | Sampling Date: | 04/05/2022 |
| Reported: | 04/08/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 62 (0-8') (H221364-17)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.26 | 113 | 2.00 | 4.53 | | |
| Toluene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.22 | 111 | 2.00 | 4.20 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/08/2022 | ND | 2.19 | 110 | 2.00 | 4.74 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/08/2022 | ND | 6.74 | 112 | 6.00 | 4.01 | | |
| Total BTX | <0.300 | 0.300 | 04/08/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/07/2022 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/07/2022 | ND | 244 | 122 | 200 | 24.0 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/07/2022 | ND | 232 | 116 | 200 | 22.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/07/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-04 | The RPD for the BS/BSD was outside of historical limits. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record



Tetra Tech, Inc.

 901 W. Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 882-4559
 Fax (432) 882-3946

Page 1 of 1

| | | | |
|---|--|---------------------------------------|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02519 | |
| Project Location: Lea County, New Mexico | | Project #: 212C-MD-02519 | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: <i>[Signature]</i> | |
| Receiving Laboratory: Cardinal Laboratories | | Comments: | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) |
|-------------------------|-----------------------|----------|------|--------|------|---------------------|------------------|--------------|----------------|--|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | | |
| 1 | BH-6 (8') | 4/5/2022 | | X | | | | X | | BTEX 8021B BTEX 8260B |
| 2 | BH-7 (8') | 4/5/2022 | | X | | | | X | | TPH TX1005 (Ext to C35) |
| 3 | BH-9 (8') | 4/5/2022 | | X | | | | X | | TPH 8015M (GRO - DRO - ORO - MRO) |
| 4 | BH-20 (2') | 4/5/2022 | | X | | | | X | | PAH 8270C |
| 5 | BH-21 (2') | 4/5/2022 | | X | | | | X | | Total Metals Ag As Ba Cd Cr Pb Se Hg |
| 6 | SW-9 (0-8') | 4/5/2022 | | X | | | | X | | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| 7 | SW-20 (0-2') | 4/5/2022 | | X | | | | X | | TCLP Volatiles |
| 8 | SW-21 (0-2') | 4/5/2022 | | X | | | | X | | TCLP Semi Volatiles |
| 9 | SW-22 (0-2') | 4/5/2022 | | X | | | | X | | RCI |
| 10 | SW-23 (0-2') | 4/5/2022 | | X | | | | X | | GC/MS Vol. 8260B / 624 |
| | | | | | | | | | | GC/MS Semi. Vol. 8270C/625 |
| | | | | | | | | | | PCB's 8082 / 608 |
| | | | | | | | | | | NORM |
| | | | | | | | | | | PLM (Asbestos) |
| | | | | | | | | | | Chloride |
| | | | | | | | | | | Chloride Sulfate TDS |
| | | | | | | | | | | General Water Chemistry (see attached list) |
| | | | | | | | | | | Anion/Cation Balance |
| | | | | | | | | | | Hold |

| | |
|--|--|
| Relinquished by: <i>[Signature]</i> 4/16/22 0844 | Received by: <i>[Signature]</i> 4/16/22 0844 |
| Date: Time: | Date: Time: |
| Relinquished by: _____ | Received by: _____ |
| Date: Time: | Date: Time: |

| | |
|--|---|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | Sample Temperature 51.2 °C 4168 #113 (Circle) HAND DELIVERED FEDEX UPS Tracking # _____ |

ORIGINAL COPY

Analysis Request of Custody Record

Page 2 of 2



Tetra Tech, Inc.

 901 W. Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

| | | | |
|---|--|---------------------------------------|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02519 | |
| Project Location: Lea County, New Mexico | | Project #: 212C-MD-02519 | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: <i>[Signature]</i> | |
| Receiving Laboratory: Cardinal Laboratories | | Comments: | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) | | |
|-------------------------|-----------------------|-----------|------|--------|------|---------------------|------------------|--------------|----------------|--|-----|------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | | | ICE | None |
| | | YEAR 2020 | | | | | | | | | | |
| 11 | SW-24 (0-2') | 4/5/2022 | | X | | | | X | | BTEX 8021B BTEX 8260B | | |
| 12 | SW-25 (0-2') | 4/5/2022 | | X | | | | X | | TPH TX1005 (Ext to C35) | | |
| 13 | SW-58 (0-8') | 4/5/2022 | | X | | | | X | | TPH 8015M (GRO - DRO - ORO - MRO) | | |
| 14 | SW-59 (0-8') | 4/5/2022 | | X | | | | X | | PAH 8270C | | |
| 15 | SW-60 (0-8') | 4/5/2022 | | X | | | | X | | Total Metals Ag As Ba Cd Cr Pb Se Hg | | |
| 16 | SW-61 (0-8') | 4/5/2022 | | X | | | | X | | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | | |
| 17 | SW-62 (0-8') | 4/5/2022 | | X | | | | X | | TCLP Volatiles | | |
| | | | | | | | | | | TCLP Semi Volatiles | | |
| | | | | | | | | | | RCI | | |
| | | | | | | | | | | GC/MS Vol. 8260B / 624 | | |
| | | | | | | | | | | GC/MS Semi. Vol. 8270C/625 | | |
| | | | | | | | | | | PCB's 8082 / 608 | | |
| | | | | | | | | | | NORM | | |
| | | | | | | | | | | PLM (Asbestos) | | |
| | | | | | | | | | | Chloride | | |
| | | | | | | | | | | Chloride Sulfate TDS | | |
| | | | | | | | | | | General Water Chemistry (see attached list) | | |
| | | | | | | | | | | Anion/Cation Balance | | |
| | | | | | | | | | | Hold | | |

| | |
|---|---|
| Relinquished by: <i>[Signature]</i> Date: 4/6/22 Time: 0844 | Received by: <i>[Signature]</i> Date: 4/6/22 Time: 0844 |
| Relinquished by: Date: Time: | Received by: Date: Time: |

| | |
|--|--|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | Sample Temperature: 51.2 C -0.52 4.108 #13 (Circle) HAND DELIVERED FEDEX UPS Tracking # |

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 12, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO SECTION 23 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/08/22 15:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/08/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 24 (3') (H221454-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/08/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 25 (3') (H221454-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/08/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 26 (3') (H221454-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.3 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/08/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 27 (3') (H221454-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTEx | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/08/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 28 (3') (H221454-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/06/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 38 (5') (H221454-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.7 % 59.5-142

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Analytical Results For:

TETRA TECH
 BRITTANY LONG
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/08/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 33 (0-3') (H221454-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.0 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/08/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 43 (0-3') (H221454-08)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | 11.2 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | 15.4 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/06/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 63 (0-5') (H221454-09)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | |
| Toluene* | 0.157 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | |
| Ethylbenzene* | 0.055 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/06/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 64 (0-5') (H221454-10)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTEx | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/06/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 65 (0-5') (H221454-11)

| BTEx 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS\ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/08/2022 | Sampling Date: | 04/06/2022 |
| Reported: | 04/12/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 66 (0-5') (H221454-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.10 | 105 | 2.00 | 7.70 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.11 | 106 | 2.00 | 7.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2022 | ND | 2.08 | 104 | 2.00 | 8.03 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2022 | ND | 6.43 | 107 | 6.00 | 7.16 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 04/11/2022 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2022 | ND | 192 | 95.8 | 200 | 5.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2022 | ND | 202 | 101 | 200 | 4.22 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Page 1 of 1

| | | | |
|---|--|-----------------------------|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02519 | |
| Project Location: Lea County, New Mexico | | Project #: 212C-MD-02519 | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: | |
| Receiving Laboratory: Cardinal Laboratories | | Sampler Signature: | |
| Comments: | | Sampler Signature: | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | # CONTAINERS | FILTERED (Y/N) |
|-------------------------|-----------------------|----------|------|--------|------|---------------------|------------------|--------------|----------------|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | | |
| 1 | BH-24 (3) | 4/8/2022 | | X | | | | X | |
| 2 | BH-25 (3) | 4/8/2022 | | X | | | | X | |
| 3 | BH-26 (3) | 4/8/2022 | | X | | | | X | |
| 4 | BH-27 (3) | 4/8/2022 | | X | | | | X | |
| 5 | BH-28 (3) | 4/8/2022 | | X | | | | X | |
| 6 | BH-38 (5) | 4/6/2022 | | X | | | | X | |
| 7 | SW-33 (0-3') | 4/8/2022 | | X | | | | X | |
| 8 | SW-43 (0-3') | 4/8/2022 | | X | | | | X | |
| 9 | SW-63 (0-5') | 4/6/2022 | | X | | | | X | |
| 10 | SW-64 (0-5') | 4/6/2022 | | X | | | | X | |

| | |
|--|---|
| Relinquished by: <i>[Signature]</i> 4/18/22 1544 | Received by: <i>[Signature]</i> 4/8/22 1544 |
| Date: 4/18/22 Time: 1544 | Date: 4/8/22 Time: 1544 |
| Relinquished by: | Received by: |
| Date: Time: | Date: Time: |

| | |
|---|---|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD | <input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr |
| <input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr | <input type="checkbox"/> Rush Charges Authorized |
| <input type="checkbox"/> Special Report Limits or TRRP Report | |

| |
|--|
| ANALYSIS REQUEST (Circle or Specify Method No.) |
| BTEX 8021B BTEX 8260B |
| TPH TX1005 (Ext to C35) |
| TPH 8015M (GRO - DRO - ORO - MRO) |
| PAH 8270C |
| Total Metals Ag As Ba Cd Cr Pb Se Hg |
| TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| TCLP Volatiles |
| TCLP Semi Volatiles |
| RCI |
| GC/MS Vol. 8260B / 624 |
| GC/MS Semi. Vol. 8270C/625 |
| PCB's 8082 / 608 |
| NORM |
| PLM (Asbestos) |
| Chloride |
| Chloride Sulfate TDS |
| General Water Chemistry (see attached list) |
| Anion/Cation Balance |
| Hold |

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Page 2 of 2

Page 16 of 16

[illegible]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 18, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CABALLO SECTION 23 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/14/22 14:59.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/14/2022 | Sampling Date: | 04/14/2022 |
| Reported: | 04/18/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: BH - 7 (9') (H221571-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 103 | 2.00 | 1.01 | | |
| Toluene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 104 | 2.00 | 1.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.04 | 102 | 2.00 | 0.865 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/15/2022 | ND | 6.29 | 105 | 6.00 | 1.68 | | |
| Total BTEX | <0.300 | 0.300 | 04/15/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/18/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2022 | ND | 218 | 109 | 200 | 2.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2022 | ND | 220 | 110 | 200 | 0.595 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/14/2022
Reported: 04/18/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/14/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 67 (0-9') (H221571-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 103 | 2.00 | 1.01 | | |
| Toluene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 104 | 2.00 | 1.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.04 | 102 | 2.00 | 0.865 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/15/2022 | ND | 6.29 | 105 | 6.00 | 1.68 | | |
| Total BTEX | <0.300 | 0.300 | 04/15/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/18/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2022 | ND | 218 | 109 | 200 | 2.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2022 | ND | 220 | 110 | 200 | 0.595 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

| | | | |
|-------------------|---------------------------------|---------------------|------------------|
| Received: | 04/14/2022 | Sampling Date: | 04/14/2022 |
| Reported: | 04/18/2022 | Sampling Type: | Soil |
| Project Name: | CABALLO SECTION 23 TANK BATTERY | Sampling Condition: | ** (See Notes) |
| Project Number: | 212C - MD - 02519 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | EOG-LEA COUNTY, NM | | |

Sample ID: SW - 68 (0-9') (H221571-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 103 | 2.00 | 1.01 | | |
| Toluene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 104 | 2.00 | 1.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.04 | 102 | 2.00 | 0.865 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/15/2022 | ND | 6.29 | 105 | 6.00 | 1.68 | | |
| Total BTEX | <0.300 | 0.300 | 04/15/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/18/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2022 | ND | 218 | 109 | 200 | 2.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2022 | ND | 220 | 110 | 200 | 0.595 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/14/2022
Reported: 04/18/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/14/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 69 (0-9') (H221571-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 103 | 2.00 | 1.01 | | |
| Toluene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 104 | 2.00 | 1.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.04 | 102 | 2.00 | 0.865 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/15/2022 | ND | 6.29 | 105 | 6.00 | 1.68 | | |
| Total BTX | <0.300 | 0.300 | 04/15/2022 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/18/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2022 | ND | 218 | 109 | 200 | 2.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2022 | ND | 220 | 110 | 200 | 0.595 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received: 04/14/2022
Reported: 04/18/2022
Project Name: CABALLO SECTION 23 TANK BATTERY
Project Number: 212C - MD - 02519
Project Location: EOG-LEA COUNTY, NM

Sampling Date: 04/14/2022
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 70 (0-9') (H221571-05)

| BTX 8021B | | mg/kg | | Analyzed By: MS\ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 103 | 2.00 | 1.01 | |
| Toluene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.07 | 104 | 2.00 | 1.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/15/2022 | ND | 2.04 | 102 | 2.00 | 0.865 | |
| Total Xylenes* | <0.150 | 0.150 | 04/15/2022 | ND | 6.29 | 105 | 6.00 | 1.68 | |
| Total BTX | <0.300 | 0.300 | 04/15/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: GM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/18/2022 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2022 | ND | 218 | 109 | 200 | 2.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2022 | ND | 220 | 110 | 200 | 0.595 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2022 | ND | | | | | |

Surrogate: 1-Chlorooctane 157 % 66.9-136

Surrogate: 1-Chlorooctadecane 225 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 882-4559
Fax (432) 882-3946

| | | | |
|---|--|--------------------------------------|--|
| Client Name: EOG Resources | | Site Manager: Brittany Long | |
| Project Name: Caballo Section 23 TB | | Project #: 212C-MD-02519 | |
| Project Location: Lea County, New Mexico | | Project #: 212C-MD-02519 | |
| Invoice to: EOG Resources - Todd Wells | | Sampler Signature: <i>Todd Wells</i> | |
| Receiving Laboratory: Cardinal Laboratories | | Sampler Signature: <i>Todd Wells</i> | |
| Comments: | | | |

| LAB # (LAB USE ONLY) | SAMPLE IDENTIFICATION | SAMPLING | | MATRIX | | PRESERVATIVE METHOD | | | | | # CONTAINERS | FILTERED (Y/N) | ANALYSIS REQUEST (Circle or Specify Method No.) | |
|-------------------------|-----------------------|-----------|------|--------|------|---------------------|------------------|-----|------|------------|--------------|----------------|--|---|
| | | DATE | TIME | WATER | SOIL | HCL | HNO ₃ | ICE | None | | | | | |
| | | | | | | | | | | YEAR: 2020 | | | | |
| 1 | BH-7 (9) | 4/14/2022 | | X | | | | X | | | | | | X |
| 2 | SW-67 (0-9) | 4/14/2022 | | X | | | | X | | | | | | X |
| 3 | SW-68 (0-9) | 4/14/2022 | | X | | | | X | | | | | | X |
| 4 | SW-69 (0-9) | 4/14/2022 | | X | | | | X | | | | | | X |
| 5 | SW-70 (0-9) | 4/14/2022 | | X | | | | X | | | | | | X |

| | | | | | |
|------------------------------------|---------------|------------|-----------------------------------|---------------|------------|
| Relinquished by: <i>Todd Wells</i> | Date: 4/14/22 | Time: 1459 | Received by: <i>Brittany Long</i> | Date: 4-14-22 | Time: 1459 |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |

| | |
|--|---|
| LAB USE ONLY | REMARKS: |
| <input type="checkbox"/> STANDARD <input checked="" type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report | Sample Temperature: 7.52°C-0.58 7.02 # 113 |

ORIGINAL COPY

Page 1 of 1

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Appendix D

State Correspondence

Long, Brittany

From: Long, Brittany
Sent: Tuesday, March 22, 2022 1:30 PM
To: OCD.Enviro@state.nm.us
Cc: Todd Wells
Subject: EOG Resources Caballo Section 23 Tank Battery (nAPP2112555381) Confirmation Sampling Notification

Good Afternoon,

Tetra Tech is scheduled to collect 5 point confirmation, bottom hole and sidewall samples, for the EOG Caballo Section 23 Tank Battery (nAPP2112555381) remediation starting on Thursday March 24, 2022, at 12:30 PM and will continue each day as the remediation progresses. These samples will be placed within the remediaton on the pad and lease road. Please let me know if you have any questions or need any additional information.

Best Regards,

Brittany D. Long,

Brittany D. Long | Biologist & Project Manager

Phone: 432.682.4559 | Mobile 432.741.5813 | Fax:432.682.3946

Brittany.Long@tetratech.com

Tetra Tech | *Leading with Science®*

901 West Wall Street, Suite 100 Midland, Texas 79701

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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 117695

CONDITIONS

| | |
|--|---|
| Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702 | OGRID: 7377 |
| | Action Number: 117695 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--------------------------|----------------|
| jnobui | Closure Report Approved. | 6/29/2022 |