| | | Report Ty | pe: Clo | sure R | eport | | |
|------------------------------------|-------------------|----------------------|-------------|---------------|---------------|----------------|----------------------------|
| General Site In | formation: | | | | | | |
| Site: | | Rattlesnake to | Bandit La | yflat Relea | ase | | |
| Company: | | EOG Resource | - | | | | |
| | ship and Range | | Sec. 34 | T 26S | R 33E | | |
| County: | | Lea County | | | | | |
| GPS: | | | .002900 | | | -103.5 | 558400 |
| Surface Owner | r: | Federal | | | | | vel south on Battle Axe |
| Directions: | | | ely 4.10 mi | les, turn sou | th onto lease | road for 1.5 r | mile, turn east onto lease |
| Release Data: Date Released: | | 4/25/2019 | | | | | |
| Type Release: | | Reuse Water | | | | | |
| Source of Conta | | Layflat Line | | | | | |
| Fluid Released. Fluids Recovere | | 500 bbls 240 bbls | | | | | |
| Official Comm | | 240 0018 | | | | | |
| Name: | James Kennedy | | | | Clair Gonza | iles | |
| Company: | EOG Resources | | | | Tetra Tech | | |
| Address: | 5509 Champions [| Or | | | 901 W. Wal | I St. | |
| | , | | | | Ste 100 | | |
| City: | Midland Texas, 79 | 706 | | | Midland, Te | xas | |
| Phone number: | (432) 258-4346 | | | | (432) 682-4 | | |
| Fax: | | | | | | | |
| Email: | James Kennedy | @eogresources.c | om | | Clair.Gonz | ales@tetrat | tech.com |

| Site Characterization | |
|-----------------------|--------|
| Depth to Groundwater: | 75' |
| Karst Potential: | Medium |

| Recommended R | emedial Action Le | evels (RRALs) | |
|---------------|-------------------|-------------------|-----------|
| Benzene | Total BTEX | TPH (GRO+DRO+MRO) | Chlorides |
| 10 mg/kg | 50 mg/kg | 100 mg/kg | 600 mg/kg |



December 23, 2021

Oil Conservation Division, District 1 1625 North French Drive Hobbs, New Mexico 88240

Re: Closure Report for the EOG Resources, Rattlesnake to Bandit Lay Flat Release, Section 34, Township 26 South, Range 33 East, Lea County, New Mexico nAPP2333056395

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Rattlesnake to Bandit Lay Flat Release, Section 34, Township 26 South, Range 33 East, Lea County, New Mexico (Site). The spill site coordinates are 32.0029°, -103.5584°. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report the release was discovered on April 25, 2019 and released approximately 500 barrels of reuse water due equipment failure causing a leak in the lay flat line. The release occurred along a pipeline ROW and flowed into a pasture area. Approximately 240 barrels of reuse water were recovered. The release impacted an area on the pad measuring approximately 1,545' x 30'-115'. The initial C-141 Form is included in Appendix A.

Site Characterization

A site characterization was performed for the site, and no lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, private domestic water wells, springs, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances. However, the site is located in a medium karst area and within 300' of a USGS blue line. The nearest well is listed on the USGS National Water Information data base in Section 27, approximately 0.80 miles north of the site and has a reported depth to groundwater of 75.77' below surface. The groundwater data is shown in Appendix B.

Regulatory

A risk-based evaluation was performed for the Site in accordance with 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

Tetra Tech

901 W. Wall Street, Suite 100, Midland, TX 79701

Tel 432.682.4559 www.tetratech.com



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 for TPH is 100 mg/kg (GRO + DRO + MRO). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg.

Soil Assessment

2019 Assessment

Tetra Tech personnel were onsite on July 29, 2019, to investigate and sample the release area. A total of twelve (12) auger holes (AH-1 through AH-12) were installed to depths ranging from surface to 4.5' below surface. The samples were submitted to the laboratory to be analyzed for TPH method 8015 extended, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 1. The release area is shown on Figure 3, and sample locations are shown on Figure 3A.

Referring to Table 1, none of the samples collected showed benzene, total BTEX, or TPH concentrations above the laboratory reporting limits. However, chloride concentrations were reported above RRALs in auger holes (AH-1 through AH-3, AH-5, and AH-6), with concentrations ranging from 672 mg/kg to 5,360 mg/kg, depths ranging from surface to 4.5' below surface.

2021 Archeological Area of Concern Assessment

Tetra Tech personnel were onsite on May 19, 2021, May 20, 2021, and July 8, 2021, to investigate and sample the release area located in the archeological area of concern. A total of six (6) auger holes (AH-1 through AH-6) were installed to total depths ranging between surface to 5.0' below surface. Additionally, eight (8) horizontal samples (H-1 through H-8) were collected to horizontally delineate the area. The samples were submitted to the laboratory to be analyzed for TPH method 8015 extended, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 2. The release area is shown on Figure 3, and sample locations are shown on Figure 3B.

Referring to Table 2, none of the samples collected showed benzene, total BTEX, or TPH concentrations above the laboratory detection limits. Additionally, none of the samples collected showed chloride concentrations above the RRALs.

Remediation and Reclamation Activities

Tetra Tech personnel were onsite November 12, 2019 through November 18, 2021, to supervise the remediation and collect confirmation samples. The impacted areas of auger holes (AH-1 through AH-3, AH-5, and AH-6), were excavated to depths ranging from 4.0' to 12.0' below surface, as shown on Figure 4 and Table 3.

Confirmation bottom hole and sidewall samples were collected every 200 square feet, a total of 101 bottom hole samples (BH-1 through BH-101) and 19 sidewall samples (NSW-1



through NSW-4, WSW-1 through WSW-4, ESW-1 through ESW-2, and SSW-1 through SSW-9) were collected to ensure proper removal of the impacted soils. The samples were submitted to the laboratory to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The excavation depths, and sample locations are shown on Figure 4.

Referring to Table 3, all final confirmation samples collected showed benzene, total BTEX, TPH, and chloride concentrations below the RRALs.

Approximately 14,899 cubic yards of material was excavated and transported offsite for proper disposal. The areas were then backfilled with clean material to surface grade.

Conclusion

Based on the laboratory results and remediation activities performed, EOG requests closure of this spill issue. The final C-141 is enclosed in Appendix A. If you have any questions or comments concerning the assessment or remediation activities for this site, please call at (432) 682-4559.

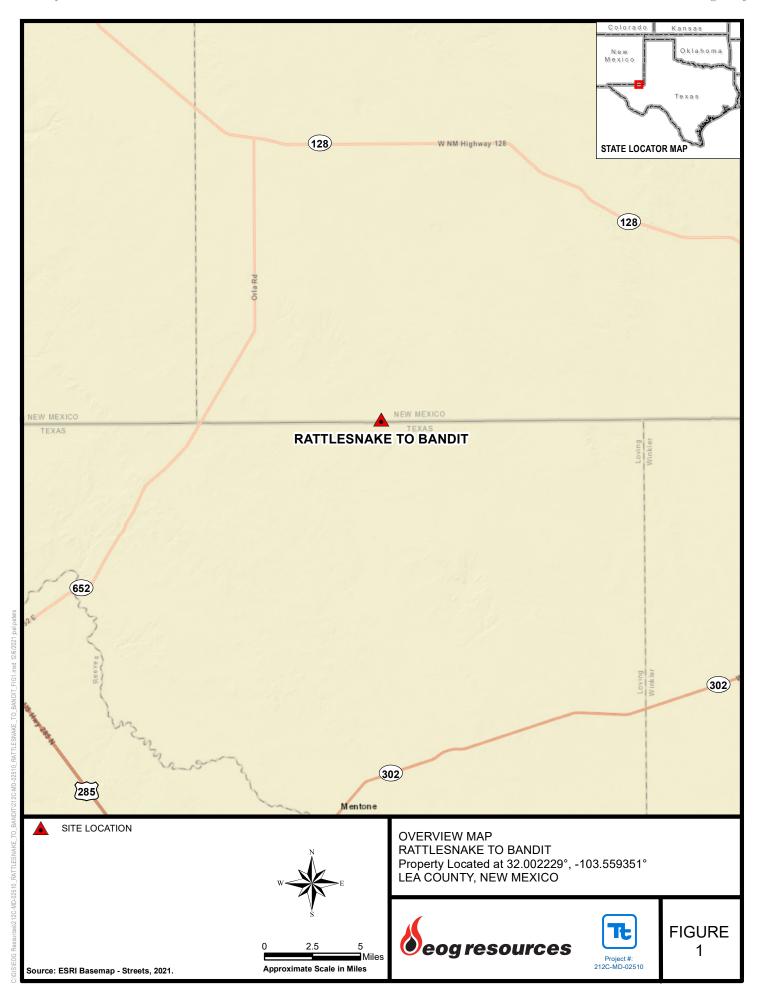
Respectfully submitted, TETRA TECH

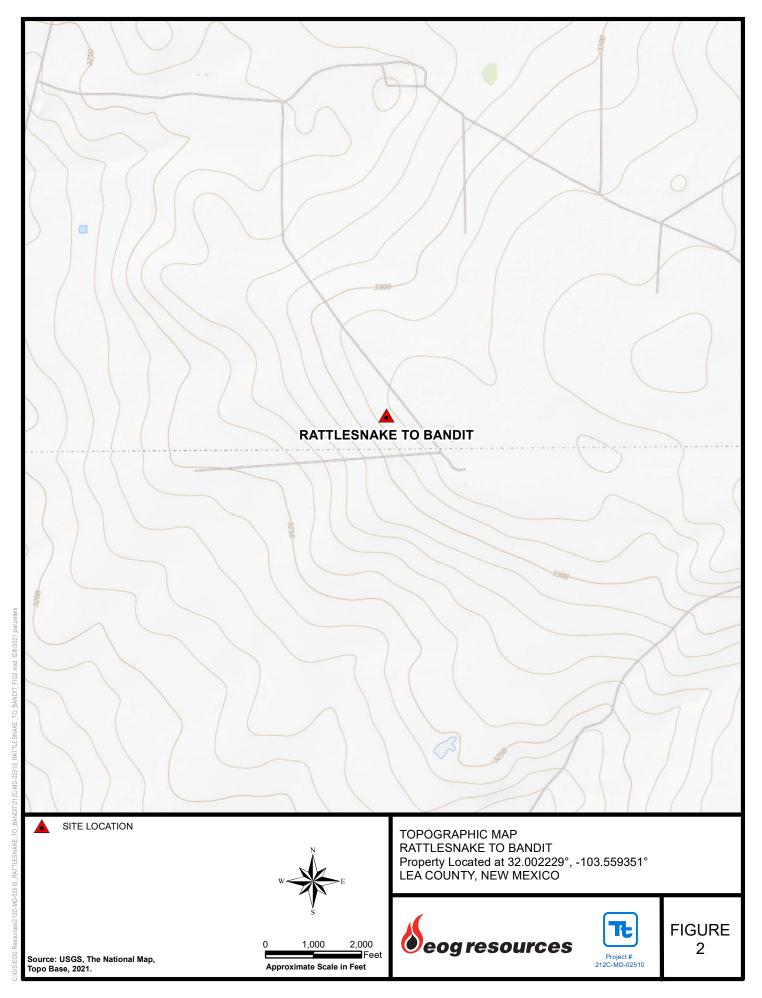
Brittany Long, Project Manager

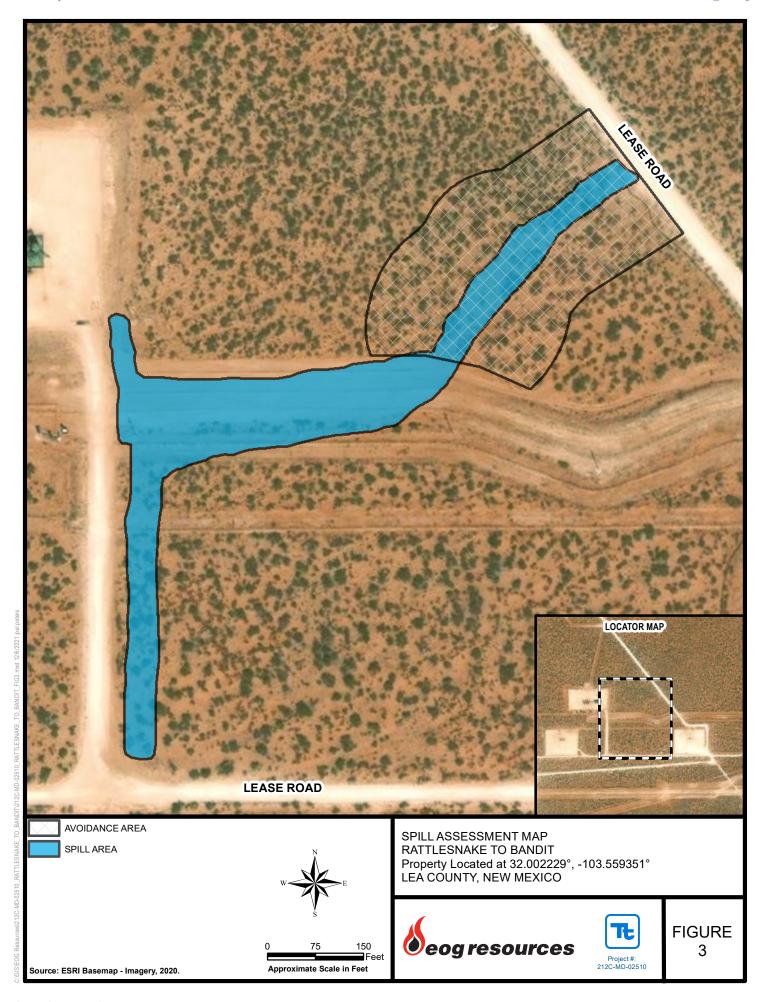
cc: James Kennedy – EOG Todd Wells - EOG Clair Gonzales, P.G. Senior Project Manager

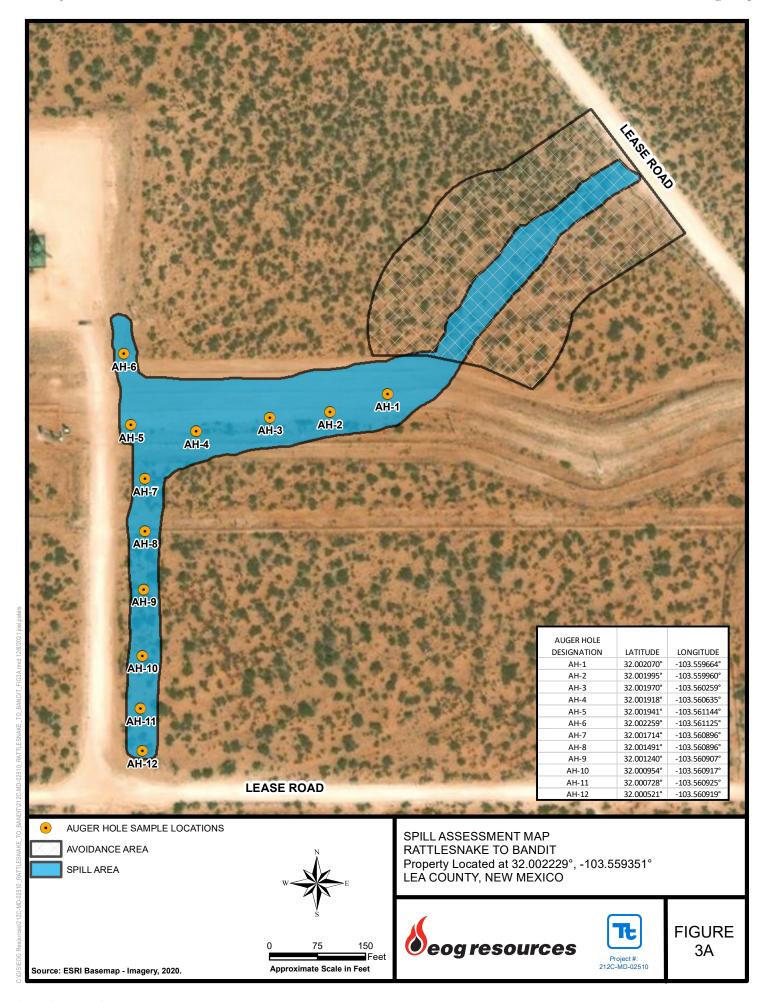


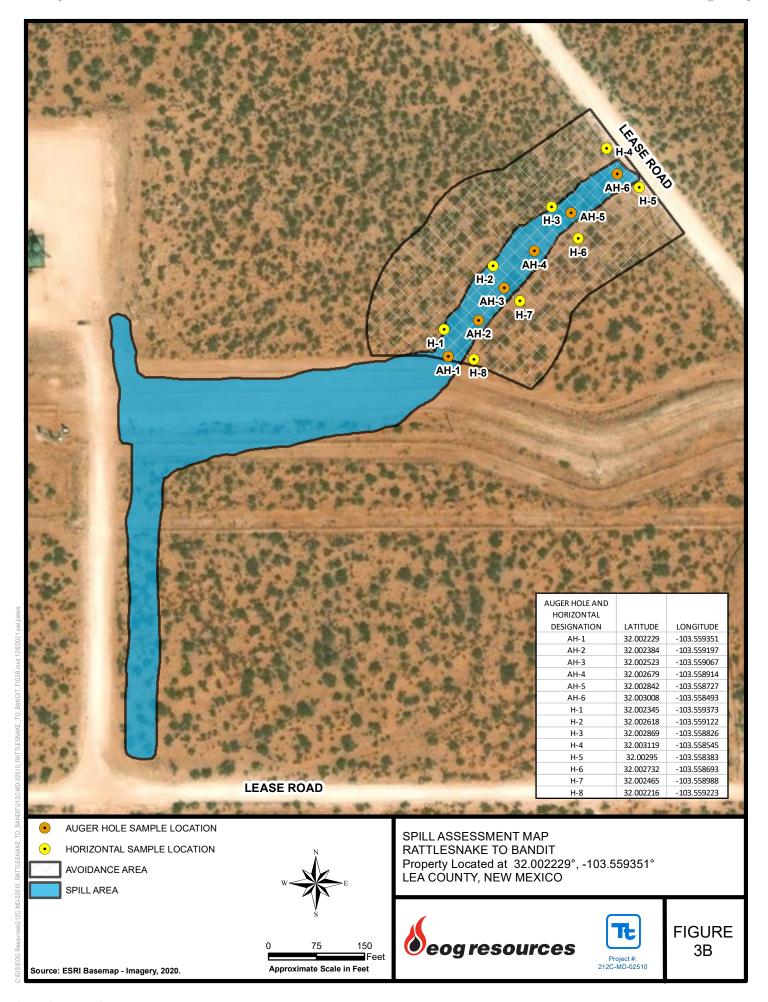
Figures



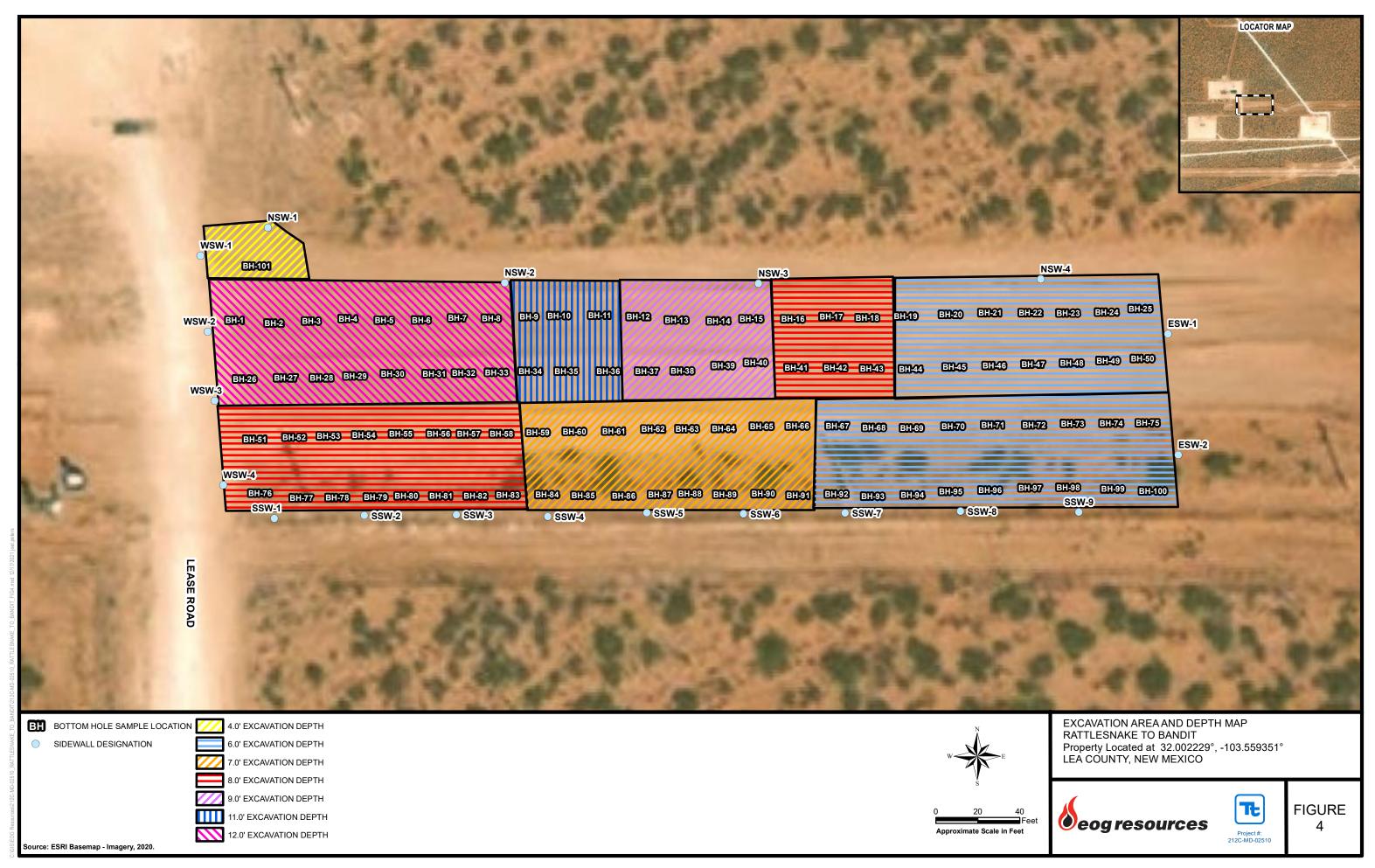








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Tables

Table 1 EOG Resources Rattlesnake to Bandit Lay Flat Release Lea County, New Mexico

| | | Sample | BEB | Soil | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|-----------|-------------|------------|----------------------|---------|---------|-------|-------|--------|-------|---------|---------|--------------|---------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | Sample Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| AH-1 | 7/29/2019 | 0-1 | - | Χ | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 304 |
| | " | 1-1.5 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,150 |
| | " | 2-2.5 | - | Χ | | - | - | - | - | - | - | - | - | - | 2,400 |
| | " | 3-3.5 | - | Х | | 1 | 1 | 1 | 1 | - | - | - | • | - | 3,840 |
| | " | 4-4.5 | - | Χ | | 1 | ı | ı | 1 | - | - | - | 1 | - | 5,120 |
| AH-2 | 7/29/2019 | 0-1 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| | · · | 1-1.5 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 672 |
| | " | 2-2.5 | - | Χ | | - | - | - | - | - | - | - | - | - | 2,800 |
| | " | 3-3.5 | - | Χ | | - | - | - | - | - | - | - | - | - | 4,960 |
| AH-3 | 7/29/2019 | 0-1 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| | " | 1-1.5 | - | Χ | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| | " | 2-2.5 | - | Χ | | - | - | - | - | - | - | - | - | - | 5,360 |
| | " | 3-3.5 | - | Χ | | - | - | - | - | - | - | - | - | - | 5,040 |
| | н | 4-4.5 | - | Х | | - | - | - | - | - | - | - | - | - | 208 |
| AH-4 | 7/29/2019 | 0-1 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48 |
| | " | 1-1.5 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| AH-5 | 7/29/2019 | 0-1 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| | " | 1-1.5 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 896 |
| | " | 2-2.5 | | Х | | • | • | - | - | - | - | - | - | - | 3,680 |
| AH-6 | 7/29/2019 | 0-1 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 576 |
| | " | 1-1.5 | | Х | | - | - | - | - | - | - | - | - | - | 2,120 |
| | H | 2-2.5 | | Х | | - | - | - | - | - | - | - | - | - | 352 |
| AH-7 | 7/29/2019 | 0-1 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | " | 1-1.5 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| AH-8 | 7/29/2019 | 0-1 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | " | 1-1.5 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| AH-9 | 7/29/2019 | 0-1 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | " | 1-1.5 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |

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Table 1 **EOG Resources** Rattlesnake to Bandit Lay Flat Release Lea County, New Mexico

| | | Sample | BEB | Soil | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|-----------|-------------|------------|----------------------|---------|---------|-------|-------|--------|-------|---------|---------|--------------|---------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | Sample Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| AH-10 | 7/29/2019 | 0-1 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | " | 1-1.5 | | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | | | | | | | | | | | | | | | |
| AH-11 | 7/29/2019 | 0-1 | | X | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | " | 1-1.5 | | Χ | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | | | | | | | | | | | | | | | |
| AH-12 | 7/29/2019 | 0-1 | | Χ | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| | " | 1-1.5 | | Χ | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |

(-)

Not Analyzed Excavated

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Table 2 EOG Rattlesnake to Bandit Lay Flat Release Lea County, New Mexico

| 0 1 15 | | Sample | BEB | Soil S | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|-----------|-------------|------------|----------------------|---------|---------|-------|-------|--------|-------|----------|----------|--------------|----------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | Sample Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| | 5/20/2021 | 0 - 1 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 22.4 |
| AH-1 | 5/20/2021 | 1 - 1.5 | | Χ | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 67.6 |
| | 5/20/2021 | 2 - 2.5 | | Х | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00399 | <0.00399 | 633 |
| | 7/8/2021 | 0 - 1 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 6.44 |
| AH-1 | 7/8/2021 | 1 - 1.5 | | Χ | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 5.90 |
| | 7/8/2021 | 2 - 2.5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 5.73 |
| | 5/20/2021 | 0 - 1 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | 10.6 |
| AH-2 | 5/20/2021 | 1 - 1.5 | | Χ | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | <5.02 |
| | 5/20/2021 | 2 - 2.5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <4.95 |
| | 5/20/2021 | 0 - 1 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <4.99 |
| | 5/20/2021 | 1 - 1.5 | | Χ | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | <5.00 |
| AH-3 | 5/20/2021 | 2 - 2.5 | | Χ | - | <49.9 | <49.9 | <49.9 | <49.9 | 0.00255 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <4.96 |
| | 5/20/2021 | 3 - 3.5 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 41.9 |
| | 5/20/2021 | 4 - 4.5 | | Х | - | <49.8 | <49.8 | <49.8 | <49.8 | 0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 279 |
| | 5/19/2021 | 0 - 1 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 21.1 |
| | 5/19/2021 | 1 - 1.5 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | 28.7 |
| AH-4 | 5/19/2021 | 2 - 2.5 | | Χ | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 19.4 |
| 741.4 | 5/19/2021 | 3 - 3.5 | | Χ | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | 38.6 |
| | 5/19/2021 | 4 - 4.5 | | Χ | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 77.6 |
| | 5/19/2021 | 4.5 - 5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 141 |
| | 5/19/2021 | 0 - 1 | | Х | | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <5.05 |
| AH-5 | 5/19/2021 | 1 - 1.5 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00396 | <5.00 |
| | 5/19/2021 | 2 - 2.5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <4.98 |
| | 5/19/2021 | 0 - 1 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00397 | 38.6 |
| AH-6 | 5/19/2021 | 1 - 1.5 | | Χ | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | 184 |
| | 5/19/2021 | 2 - 2.5 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | 588 |

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Table 2 EOG Rattlesnake to Bandit Lay Flat Release Lea County, New Mexico

| 0 | Garanta Bata | Sample | BEB | Soil | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|-----------|--------------|------------|----------------------|---------|---------|-------|-------|--------|-------|----------|----------|--------------|----------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | Sample Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| H-1 | 5/19/2021 | 0 - 0.5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <4.99 |
| H-2 | 5/19/2021 | 0 - 0.5 | | Х | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | <5.04 |
| H-3 | 5/19/2021 | 0 - 0.5 | | Х | - | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <5.02 |
| H-4 | 5/19/2021 | 0 - 0.5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00398 | <4.98 |
| H-5 | 5/19/2021 | 0 - 0.5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00402 | <4.95 |
| H-6 | 5/19/2021 | 0 - 0.5 | | Х | - | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00401 | <5.05 |
| H-7 | 5/19/2021 | 0 - 0.5 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200 | <0.00400 | <0.00400 | <4.98 |
| H-8 | 5/19/2021 | 0 - 0.5 | | Х | - | <50.0 | <50.0 | <50.0 | <50.0 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00403 | 5.63 |

Not Analyzed

(-)

Exceedance

Bottom Hole - 19

Bottom Hole - 20

Bottom Hole - 21

12/18/2019

12/18/2019

12/18/2019

6

6

6

Χ

Χ

Χ

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

<10.0

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

Lea County, New Mexico Soil Status TPH (mg/kg) **Excavation** Benzene Toluene Ethlybenzene **Xylene** Sample ID Sample Date Depth (ft) (mg/kg) (mg/kg) (mg/kg) (mg/kg) ORO **GRO** DRO In-Situ Removed Total **Bottom Hole - 1** 12/18/2019 12 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 2** 12/18/2019 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 12 **Bottom Hole - 3** 12/18/2019 12 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.150 < 0.050 **Bottom Hole - 4** 12/18/2019 12 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 Bottom Hole - 5 12/18/2019 12 Χ <10.0 <10.0 < 0.150 <10.0 <10.0 < 0.050 < 0.050 < 0.050 **Bottom Hole - 6** 12/18/2019 Χ <10.0 12 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 7** Χ 12/18/2019 12 <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 8** Х 12/18/2019 12 <10.0 <10.0 < 0.150 <10.0 <10.0 < 0.050 < 0.050 < 0.050 **Bottom Hole - 9** 12/18/2019 Χ <10.0 <10.0 <10.0 <10.0 11 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 10** 12/18/2019 11 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 11** 12/18/2019 11 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 Bottom Hole - 12 12/18/2019 9 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 13** Χ <10.0 <10.0 12/18/2019 9 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 14** Χ 12/18/2019 9 <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 15** 12/18/2019 9 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 16** 12/18/2019 8 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 17** Χ 12/18/2019 8 <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150 **Bottom Hole - 18** 12/18/2019 8 Χ <10.0 <10.0 <10.0 <10.0 < 0.050 < 0.050 < 0.050 < 0.150

Table 3

EOG Resources
Rattlesnake to Bandit Lay Flat Release

Received by OCD: 11/26/2023 4:10:17 PM

Total BTEX

(mg/kg)

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

< 0.150

< 0.150

< 0.150

Chloride

(mg/kg)

<16.0

<16.0

<16.0

<16.0

<16.0

<16.0

<16.0

<16.0

160

160

160

160

<16.0

<16.0

176

320

80.0

96.0

80.0

32.0

304

Table 3
EOG Resources
Rattlesnake to Bandit Lay Flat Release
Lea County, New Mexico

| Commis ID | Camania Data | Excavation | Soil S | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|------------------|--------------|------------|---------|---------|-------|-------|--------|-------|---------|---------|--------------|---------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| Bottom Hole - 22 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 23 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 24 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 192 |
| Bottom Hole - 25 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| Bottom Hole - 26 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| Bottom Hole - 27 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 28 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 29 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 30 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 31 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| Bottom Hole - 32 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| Bottom Hole - 33 | 12/18/2019 | 12 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 34 | 12/18/2019 | 11 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| Bottom Hole - 35 | 12/18/2019 | 11 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 36 | 12/18/2019 | 11 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 37 | 12/18/2019 | 9 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| Bottom Hole - 38 | 12/18/2019 | 9 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| Bottom Hole - 39 | 12/18/2019 | 9 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 40 | 12/18/2019 | 9 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 144 |
| Bottom Hole - 41 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 352 |
| Bottom Hole - 42 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| Bottom Hole - 43 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |

Table 3
EOG Resources
Rattlesnake to Bandit Lay Flat Release
Lea County, New Mexico

| OI- ID | OI- D-4- | Excavation | Soil | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|------------------|-------------|------------|---------|---------|-------|-------|--------|-------|---------|---------|--------------|---------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| Bottom Hole - 44 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| Bottom Hole - 45 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| Bottom Hole - 46 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 304 |
| Bottom Hole - 47 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 48 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 352 |
| Bottom Hole - 49 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 50 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| Bottom Hole - 51 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| Bottom Hole - 52 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| Bottom Hole - 53 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| Bottom Hole - 54 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 55 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 56 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 57 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 58 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 59 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 60 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 61 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 62 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 63 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| Bottom Hole - 64 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| Bottom Hole - 65 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |

Table 3
EOG Resources
Rattlesnake to Bandit Lay Flat Release
Lea County, New Mexico

| 0 | OI- D-4- | Excavation | Soil | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|------------------|-------------|------------|---------|---------|-------|-------|--------|-------|---------|---------|--------------|---------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| Bottom Hole - 66 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 67 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 68 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| Bottom Hole - 69 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| Bottom Hole - 70 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| Bottom Hole - 71 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| Bottom Hole - 72 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| Bottom Hole - 73 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 74 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| Bottom Hole - 75 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 76 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 256 |
| Bottom Hole - 77 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Bottom Hole - 78 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Bottom Hole - 79 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| Bottom Hole - 80 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Bottom Hole - 81 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| Bottom Hole - 82 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Bottom Hole - 83 | 12/18/2019 | 8 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Bottom Hole - 84 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| Bottom Hole - 85 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| Bottom Hole - 86 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| Bottom Hole - 87 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |

Table 3
EOG Resources
Rattlesnake to Bandit Lay Flat Release
Lea County, New Mexico

| OI- ID | O-mark Data | Excavation | Soil | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|-------------------|-------------|------------|---------|---------|-------|-------|--------|-------|---------|---------|--------------|---------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| Bottom Hole - 88 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 89 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| Bottom Hole - 90 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| Bottom Hole - 91 | 12/18/2019 | 7 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| Bottom Hole - 92 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| Bottom Hole - 93 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 160 |
| Bottom Hole - 94 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| Bottom Hole - 95 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 96 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 97 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 98 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| Bottom Hole - 99 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Bottom Hole - 100 | 12/18/2019 | 6 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| Bottom Hole - 101 | 12/18/2019 | 4 | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| NSW - 1 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| NSW - 2 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| NSW - 3 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| NSW - 4 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| WSW - 1 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 112 |
| WSW - 2 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 128 |
| WSW - 3 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| WSW - 4 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |

Table 3
EOG Resources
Rattlesnake to Bandit Lay Flat Release
Lea County, New Mexico

| OIn ID | OI- D-t- | Excavation | Soil | Status | | TPH (| mg/kg) | | Benzene | Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride |
|-----------|-------------|------------|---------|---------|-------|-------|--------|-------|---------|---------|--------------|---------|------------|----------|
| Sample ID | Sample Date | Depth (ft) | In-Situ | Removed | GRO | DRO | ORO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| ESW - 1 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| ESW - 2 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 96.0 |
| SSW - 1 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SSW - 2 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SSW - 3 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SSW - 4 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SSW - 5 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SSW - 6 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| SSW - 7 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SSW - 8 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 64.0 |
| SSW - 9 | 12/18/2019 | - | Х | | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |



Photographic Documentation

EOG Resources Rattlesnake to Bandit Lea County, New Mexico





TETRA TECH

View of Remediation Activities - View North



View of Remediation Activities - View East

EOG Resources Rattlesnake to Bandit Lea County, New Mexico



TETRA TECI



View of Remediation Activities – View West



View of Remediation Activities – View East



Appendix A

C-141 Document

Responsible Party EOG Resources, Inc.

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

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

Release Notification

Responsible Party

OGRID 7377

| Contact Name James Kennedy | | | | | Contact Telephone 432-258-4346 | | | | |
|---|----------------------|---|--|-------------|---|---|--|--|--|
| Contact email James_Kennedy@eogresources.com | | | | | Incident # (assigned by OCD) nAPP2333056395 | | | | |
| Contact maili 79706 | ing address | 5509 Champions | Drive, Midland, | , TX | | | | | |
| | | | T 4 | ¢ T |) -1 C | | | | |
| | | | Locatio | n ot k | Release So | ource | | | |
| Latitude 32.00 | 029 | | | | Longitude - | | | | |
| | | | (NAD 83 in 6 | decimal de | egrees to 5 decin | nal places) | | | |
| Site Name Ra | ttlesnake to | Bandit lay flat rel | lease | | Site Type I | ROW | | | |
| Date Release | Discovered | 04/25/19 | | | API# (if app | olicable) | | | |
| Unit Letter | Section | Township | Range | | Cour | ntsv | | | |
| F | 34 | 26S | 33E | Lea | Cour | ity | | | |
| - | | | | | | | | | |
| Surface Owner | : State | ⊠ Federal □ T | ribal 🗌 Private | (Name: | | |) | | |
| | | | NT 4 | 1 1 7 | | D 1 | | | |
| | | | Nature ar | 1a vo | iume ot i | Kelease | | | |
| | | | | | | release | | | |
| | | | | | | justification for th | e volumes provided below) | | |
| Crude Oil | | l(s) Released (Select a Volume Release | | | | justification for th | e volumes provided below) overed (bbls) | | |
| Crude Oil | | | ed (bbls) | | | justification for the Volume Rec | | | |
| | | Volume Release Volume Release Is the concentration | ed (bbls) ed (bbls) tion of dissolved | ich calcula | tions or specific | justification for the Volume Rec | overed (bbls) overed (bbls) | | |
| | Water | Volume Release | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? | ich calcula | tions or specific | justification for the Volume Rec Volume Rec Volume Rec | overed (bbls) overed (bbls) | | |
| Produced | Water | Volume Release Volume Release Is the concentrate produced water | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) | ich calcula | tions or specific | justification for the Volume Reconstruction Volume Reconstruction Yes 1 | overed (bbls) overed (bbls) No | | |
| Produced Condensat | Water te | Volume Release Volume Release Is the concentral produced water Volume Release | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) | deh calcula | e in the | volume Rec | overed (bbls) overed (bbls) No overed (bbls) | | |
| ☐ Produced ☐ Condensat ☐ Natural Ga | Water te | Volume Release Volume Release Is the concentral produced water Volume Release Volume Release | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) | deh calcula | e in the | volume Rec | overed (bbls) overed (bbls) No overed (bbls) overed (bbls) overed (Mcf) | | |
| ☐ Produced ☐ Condensat ☐ Natural Go ☐ Other (desreuse water Cause of Rele | Water te as scribe) | Volume Release Volume Release Is the concentral produced water Volume Release Volume Release Volume/Weight | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) E Released (provi | d chlorid | e in the | justification for the Volume Rec Volume Rec ☑ Yes ☐ I Volume Rec Volume Rec Volume Rec Volume/Wei | overed (bbls) overed (bbls) No overed (bbls) overed (bbls) overed (Mcf) ght Recovered (provide units) 240 bbls | | |
| ☐ Produced ☐ Condensat ☐ Natural Go ☐ Other (desreuse water Cause of Rele | Water te as scribe) | Volume Release Volume Release Is the concentral produced water Volume Release Volume Release | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) E Released (provi | d chlorid | e in the | justification for the Volume Rec Volume Rec ☑ Yes ☐ I Volume Rec Volume Rec Volume Rec Volume/Wei | overed (bbls) overed (bbls) No overed (bbls) overed (bbls) overed (Mcf) ght Recovered (provide units) 240 bbls | | |
| ☐ Produced ☐ Condensat ☐ Natural Go ☐ Other (desreuse water Cause of Rele | Water te as scribe) | Volume Release Volume Release Is the concentral produced water Volume Release Volume Release Volume/Weight | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) E Released (provi | d chlorid | e in the | justification for the Volume Rec Volume Rec ☑ Yes ☐ I Volume Rec Volume Rec Volume Rec Volume/Wei | overed (bbls) overed (bbls) No overed (bbls) overed (bbls) overed (Mcf) ght Recovered (provide units) 240 bbls | | |
| ☐ Produced ☐ Condensat ☐ Natural Go ☐ Other (desreuse water Cause of Rele | Water te as scribe) | Volume Release Volume Release Is the concentral produced water Volume Release Volume Release Volume/Weight | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) E Released (provi | d chlorid | e in the | justification for the Volume Rec Volume Rec ☑ Yes ☐ I Volume Rec Volume Rec Volume Rec Volume/Wei | overed (bbls) overed (bbls) No overed (bbls) overed (bbls) overed (Mcf) ght Recovered (provide units) 240 bbls | | |
| ☐ Produced ☐ Condensat ☐ Natural Go ☐ Other (desreuse water Cause of Rele | Water te as scribe) | Volume Release Volume Release Is the concentral produced water Volume Release Volume Release Volume/Weight | ed (bbls) ed (bbls) tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) E Released (provi | d chlorid | e in the | justification for the Volume Rec Volume Rec ☑ Yes ☐ I Volume Rec Volume Rec Volume Rec Volume/Wei | overed (bbls) overed (bbls) No overed (bbls) overed (bbls) overed (Mcf) ght Recovered (provide units) 240 bbls | | |

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

| Was this a major | If YES, for what reason(s) does the respo | nsible party consider this a major release? |
|---|--|---|
| release as defined by 19.15.29.7(A) NMAC? | Greater than 25 bbls of fluid released. | |
| 19.13.29.7(A) WIAC: | | |
| ⊠ Yes □ No | | |
| | | |
| | | |
| | | nom? When and by what means (phone, email, etc)? |
| James Kennedy, OCD Dis | strict 1 email notification, 04/26/19, email. | |
| | | |
| | Initial R | esnonse |
| | | • |
| The responsible p | party must undertake the following actions immediate | y unless they could create a safety hazard that would result in injury |
| The source of the rele | aga hag baan stannad | |
| | s been secured to protect human health and | the environment |
| _ • | • | likes, absorbent pads, or other containment devices. |
| | ecoverable materials have been removed an | • |
| | d above have not been undertaken, explain | |
| if all the actions described | a above have <u>not</u> been undertaken, explain | wny. |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred |
| | | please attach all information needed for closure evaluation. |
| I hereby certify that the info | rmation 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 noti | fications and perform corrective actions for releases which may endanger |
| public health or the environment failed to adequately investigation | nent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a three | OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In |
| addition, OCD acceptance of | | responsibility for compliance with any other federal, state, or local laws |
| and/or regulations. | | |
| | James F. Kennedy | |
| Signature: Jame | s F. Kennedy | Date: 4-29-19 |
| | | Butc 127 17 |
| email:James_Kenned | y@eogresources.com | Telephone:432-258-4346 |
| | | |
| OCD Only | | |
| - | | |
| Received by: | | Date: |

Received by OCD: 11/26/2023 4:10:17 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

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

Site Assessment/Characterization

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

| What is the shallowest depth to groundwater beneath the area affected by the release? | (ft bgs) | | | | | |
|--|-----------------------|--|--|--|--|--|
| Did this release impact groundwater or surface water? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☐ No | | | | | |
| Are the lateral extents of the release overlying a subsurface mine? | | | | | | |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | | | | | | |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☐ No | | | | | |
| Did the release impact areas not on an exploration, development, production, or storage site? | ☐ Yes ☐ No | | | | | |
| Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. | tical extents of soil | | | | | |
| 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 well 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 | ls. | | | | | |

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.

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| | Page 30 of 2 | 86 |
|----------------|--------------|----|
| Incident ID | | |
| District RP | | |
| Facility ID | | İ |
| Application ID | | l |

| I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations. | OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In |
|---|--|
| Printed Name: | _ Title: |
| Signature: James F. Kennedy | Date: |
| Signature: James F. Kennedy email: | Telephone: |
| | |
| OCD Only | |
| Received by: | Date: |
| | |

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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 Attachme | ent Checklist: Each of the following | ng items must be incli | uded in the closure report. |
|--|--|---|--|
| A scaled site and samp | ling diagram as described in 19.15.2 | 29.11 NMAC | |
| Photographs of the ren must be notified 2 days price | | tos of the liner integr | ity if applicable (Note: appropriate OCD District office |
| ☐ Laboratory analyses of | final sampling (Note: appropriate C | DDC District office m | ust be notified 2 days prior to final sampling) |
| Description of remedia | tion activities | | |
| | | | |
| may endanger public health should their operations have human health or the environg compliance with any other for restore, reclaim, and re-vege accordance with 19.15.29.13 | or the environment. The acceptance failed to adequately investigate and ment. In addition, OCD acceptance ederal, state, or local laws and/or regitate the impacted surface area to the NMAC including notification to the | e of a C-141 report by remediate contamina of a C-141 report doe gulations. The respon conditions that existe e OCD when reclama | ons and perform corrective actions for releases which the OCD does not relieve the operator of liability tion that pose a threat to groundwater, surface water, as not relieve the operator of responsibility for sible party acknowledges they must substantially ed prior to the release or their final land use in tion and re-vegetation are complete. |
| | | | |
| Signature:ames . | F. Kennedy | Date: | |
| email: | | Telephone: | |
| 000 0 1 | | | |
| OCD Only | | | |
| Received by: | | Date: | |
| remediate contamination that | | ce water, human heal | their operations have failed to adequately investigate and th, or the environment nor does not relieve the responsible |
| Closure Approved by: | Nelson Velez | Date: _ | 03/11/2024 |
| Printed Name: | Nelson Velez | | Environmental Specialist – Adv |



Appendix B

Site Characterization Documents

U

USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: ▼ Geographic Area: Groundwater

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News RSS icon

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320056103333501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320056103333501 26S.33E.27.21132

Lea County, New Mexico Latitude 32°00'56", Longitude 103°33'35" NAD27

Tab-separated data Graph of data Reselect period

Land-surface elevation 3,273 feet above NAVD88

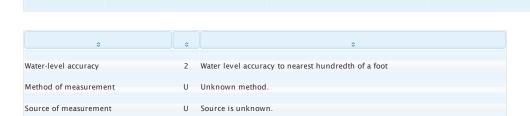
1976-01-08

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

U

Output formats

2



D

75.77

Questions about sites/data?

Feedback on this web site

Automated retrievals

Data Tips

Explanation of terms

Subscribe for system changes

Accessibility Plug-Ins FOIA Privacy Policies and Notices

USA.gov logo U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels

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

replaced, O orphaned, C the file is

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

| water right file.) | closed) | | (quarters are smallest to largest) | | | | irgest) | (NAD | (NAD83 UTM in meters) (In feet) | | | | | |
|--------------------|---------|------------|------------------------------------|---|----|---|---------|------|---------------------------------|--------|---------------------|-------------|-----------|-------|
| | | OD Sub- | | | | | | | | | | | W | Vater |
| OD Number | Code | basin | County | 6 | 16 | | Sec | Tws | Rng | | Dej | pthWellDept | hWater Co | lumn |
| <u>C 02270</u> | | CUB | LE | 1 | 1 | 2 | 27 | 26S | 33E | 636063 | 3543722 | 150 | 125 | 25 |
| <u>C 02273</u> | | CUB | LE | | 1 | 2 | 21 | 26S | 33E | 634549 | 3545134 | 160 | 120 | 40 |
| C 02285 POD1 | | CUB | LE | 1 | 4 | 4 | 03 | 26S | 33E | 636613 | 3548855 | 220 | 220 | 0 |
| <u>C 02286</u> | | CUB | LE | 3 | 4 | 4 | 03 | 26S | 33E | 636470 | 3548714 | 220 | 175 | 45 |
| <u>C 02287</u> | | C | LE | 3 | 4 | 4 | 03 | 26S | 33E | 636427 | 3548708 | 220 | | |
| <u>C 02288</u> | | CUB | LE | 4 | 4 | 4 | 03 | 26S | 33E | 636646 | 3548758 | 220 | 180 | 40 |
| <u>C 02289</u> | | CUB | LE | 4 | 4 | 4 | 03 | 26S | 33E | 636612 | 3548675 | 200 | 160 | 40 |
| <u>C 02290</u> | | CUB | LE | 4 | 4 | 4 | 03 | 26S | 33E | 636538 | 3548770 | 200 | 160 | 40 |
| <u>C 02293</u> | | CUB | LE | 2 | 2 | 1 | 14 | 26S | 33E | 637501 | 3546975 | 200 | 135 | 65 |
| <u>C 02294</u> | | CUB | LE | 4 | 4 | 3 | 11 | 26S | 33E | 637465 | 3547003 | 200 | 145 | 55 |
| <u>C 02295</u> | | CUB | LE | 2 | 2 | 4 | 12 | 26S | 33E | 639850 | 3547710 | 250 | 200 | 50 |
| C 03577 POD1 | | CUB | LE | 3 | 3 | 3 | 22 | 26S | 33E | 636010 | 3543771 | 750 | 110 | 640 |
| C 03596 POD1 | | C | LE | 3 | 3 | 4 | 22 | 26S | 33E | 636017 | 3543756 | 225 | | |
| | | | | | | | | | | | Average Depth to Wa | iter: | 157 fee | et |
| | | | | | | | | | | | M inimum D | epth: | 110 fee | et |
| | | | | | | | | | | | Maximum De | epth: | 220 fee | et |

Record Count: 13 LSS Search:

Township: 26S

Range: 33E

UTM location was derived from LSS - see elp

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.

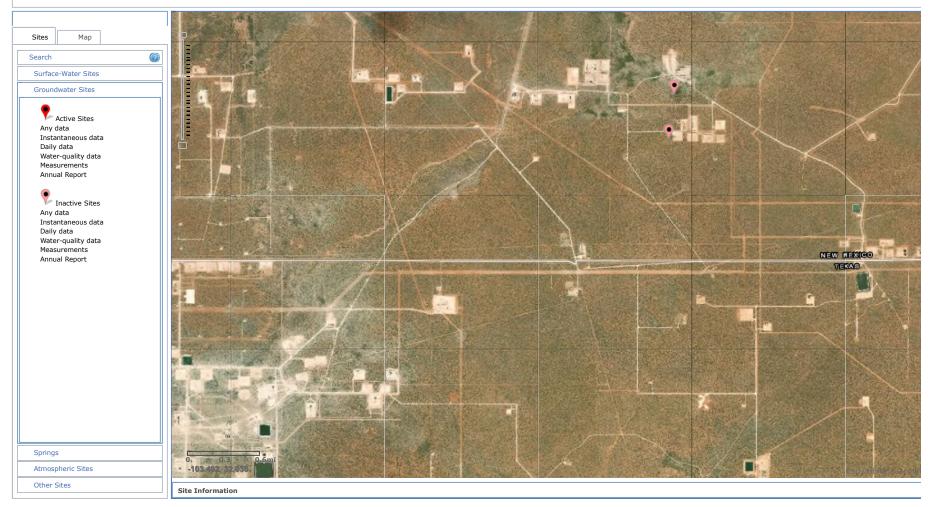
7/28/19 2:52 PM

WATER COLUMN/ AVERAGE DEPTH

TO WATER



National Water Information System: Mapper



Received by OCD: 11/26/2023 4:10:17 PM







32.002533 -103.559002

Water Well Data Average Depth to Groundwater (ft) EOG Rattlesnake to Bandit Lea County, New Mexico

| | 25 9 | South | ; | 32 East | t |
|----|------------------|-------------------|----|---------|----|
| 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 | 32 290 | 33 | 34 | 35 | 36 |
| | 26 9 | South | ; | 32 East | ł |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 333 180 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |

| | 25 S | outh | 3 | 3 East | |
|------------------|-----------|-----------|-----------|-----------|-----------|
| 6 | 5 | 4 | 3 172 | 2 2 | 1 |
| 7 | 8 | 9 | 10 | 11 140 | 12 200 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 200 | 21 120 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 125 | 26 | 25 |
| 31 257 | 32 | 33 | 34 | 35 | 36 |

| | 25 Sc | outh | 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 |
| | | | | | |

| | 26 Sc | uth | 33 | East | |
|----|-------|--------------|--------------------|------|-----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| | | | 175 | | |
| 7 | 8 | 9 106 | 10 124 | 11 | 12 |
| | | | | 145 | 200 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| | | | | 135 | |
| 19 | 20 | 21 | 22 | 23 | 24 |
| | | 120 | | | |
| 30 | 29 | 28 | 27 <mark>80</mark> | 26 | 25 |
| | | | 125 | | |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | | | | | |

| | 26 Sc | outh | 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
- 123 Tetra Tech installed temporary wells and field water level
- 143 NMOCD Groundwater map well location



Appendix C

Laboratory Reports



August 01, 2019

MIKE CARMONA
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: RATTLESNAKE - BANDIT

Enclosed are the results of analyses for samples received by the laboratory on 07/29/19 16:05.

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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH
MIKE CARMONA
901 WEST WALL STRE

 $901~\mbox{WEST}$ WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 1 (0-1') (H902587-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.89 | 94.7 | 2.00 | 0.882 | |
| Toluene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.95 | 97.5 | 2.00 | 0.812 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.89 | 94.3 | 2.00 | 1.97 | |
| Total Xylenes* | <0.150 | 0.150 | 07/31/2019 | ND | 5.71 | 95.1 | 6.00 | 1.98 | |
| Total BTEX | <0.300 | 0.300 | 07/31/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 07/30/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.2 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.0 | % 37.6-14 | 7 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 1 (1-1.5') (H902587-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.89 | 94.7 | 2.00 | 0.882 | |
| Toluene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.95 | 97.5 | 2.00 | 0.812 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.89 | 94.3 | 2.00 | 1.97 | |
| Total Xylenes* | <0.150 | 0.150 | 07/31/2019 | ND | 5.71 | 95.1 | 6.00 | 1.98 | |
| Total BTEX | <0.300 | 0.300 | 07/31/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1150 | 16.0 | 07/30/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.7 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.7 | % 37.6-14 | 7 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH MIKE CARMONA

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 1 (2-2.5') (H902587-03)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 2400 16.0 07/30/2019 ND 416 104 400 0.00

Sample ID: AH # 1 (3-3.5') (H902587-04)

Chloride, SM4500Cl-B Analyzed By: AC BS RPD Analyte Result Reporting Limit Analyzed Method Blank True Value QC Qualifier % Recovery 3840 16.0 07/30/2019 416 400 0.00 Chloride ND 104

Sample ID: AH # 1 (4-4.5') (H902587-05)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 5120 07/30/2019 ND 400 0.00 16.0 416 104

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

Sample ID: AH # 2 (0-1') (H902587-06)

RTFY 8021R

| B1EX 8021B | mg/ | кg | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 07/30/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.0 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.3 | % 37.6-14 | 7 | | | | | | |

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Celeg D. Freene



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 2 (1-1.5') (H902587-07)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 672 | 16.0 | 07/30/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.7 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.5 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH MIKE CARMONA

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 2 (2-2.5') (H902587-08)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 2800 16.0 07/30/2019 ND 416 104 400 0.00

Sample ID: AH # 2 (3-3.5') (H902587-09)

Chloride, SM4500Cl-B Analyzed By: AC Reporting Limit Analyzed BS True Value QC RPD Analyte Result Method Blank Qualifier % Recovery Chloride 4960 16.0 07/30/2019 416 400 0.00 ND 104

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Celeg & Keene



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

Sample ID: AH # 3 (0-1') (H902587-10)

RTFY 8021R

| Result <0.050 | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value OC | DDD | 0 110 |
|---------------|---|---|--------------|--------|-------------|---------------|--------|-----------|
| | 0.050 | | | 55 | 70 Recovery | True Value QC | RPD | Qualifier |
| | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| < 0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| 105 | % 73.3-12 | 9 | | | | | | |
| mg, | /kg | Analyze | d By: AC | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 80.0 | 16.0 | 07/30/2019 | ND | 416 | 104 | 400 | 0.00 | |
| mg, | /kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| 88.8 | % 41-142 | | | | | | | |
| 93.5 | % 37.6-14 | 7 | | | | | | |
| | <0.150 <0.300 105 9 Result 80.0 mg/ Result <10.0 <10.0 <88.8 | <0.050 0.050 <0.150 0.150 <0.300 0.300 105 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 3 (1-1.5') (H902587-11)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 07/30/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.9 | % 37.6-14 | 7 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

TETRA TECH MIKE CARMONA

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 3 (2-2.5') (H902587-12)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 5360 16.0 07/30/2019 ND 416 104 400 0.00

Sample ID: AH # 3 (3-3.5') (H902587-13)

Chloride, SM4500Cl-B Analyzed By: AC BS RPD Analyte Result Reporting Limit Analyzed Method Blank True Value QC Qualifier % Recovery 5040 16.0 07/30/2019 416 400 0.00 Chloride ND 104

Sample ID: AH # 3 (4-4.5') (H902587-14)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 208 07/30/2019 ND 400 0.00 16.0 416 104

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Celey & Keene



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 4 (0-1') (H902587-15)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 07/30/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.0 | % 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.5 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 4 (1-1.5') (H902587-16)

| BTEX 8021B | mg | /kg | Analyze | ed By: ms | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.2 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.7 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 5 (0-1') (H902587-17)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.2 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.7 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 5 (1-1.5') (H902587-18)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.1 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.8 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TETRA TECH MIKE CARMONA

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 5 (2-2.5') (H902587-19)

| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3680 | 16.0 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |

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Celey D. Keene



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

Sample ID: AH # 6 (0-1') (H902587-20)

RTFY 8021R

| B1EX 8021B | mg, | rky | Allalyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 576 | 16.0 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.1 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 37.6-14 | 7 | | | | | | |

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 6 (1-1.5') (H902587-21)

Chloride, SM4500CI-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 2120 16.0 07/30/2019 ND 432 108 400 0.00

Sample ID: AH # 6 (2-2.5') (H902587-22)

Chloride, SM4500Cl-B Analyzed By: AC Reporting Limit Analyzed BS True Value QC RPD Analyte Result Method Blank Qualifier % Recovery Chloride 352 16.0 07/30/2019 432 400 0.00 ND 108

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 7 (0-1') (H902587-23)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.7 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 9 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 7 (1-1.5') (H902587-24)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.1 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.1 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 8 (0-1') (H902587-25)

| BTEX 8021B | mg | /kg | Analyze | ed By: ms | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.7 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 8 (1-1.5") (H902587-26)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/30/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/30/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/30/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/30/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/30/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.9 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 9 (0-1') (H902587-27)

| BTEX 8021B | mg | /kg | Analyze | ed By: ms | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.99 | 99.5 | 2.00 | 3.57 | |
| Toluene* | <0.050 | 0.050 | 07/31/2019 | ND | 2.06 | 103 | 2.00 | 1.91 | |
| Ethylbenzene* | < 0.050 | 0.050 | 07/31/2019 | ND | 1.97 | 98.4 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 07/31/2019 | ND | 5.93 | 98.8 | 6.00 | 1.41 | |
| Total BTEX | <0.300 | 0.300 | 07/31/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.9 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.4 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 9 (1-1.5') (H902587-28)

| BTEX 8021B | mg | /kg | Analyze | ed By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.94 | 97.0 | 2.00 | 0.844 | |
| Toluene* | <0.050 | 0.050 | 07/31/2019 | ND | 2.04 | 102 | 2.00 | 2.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.97 | 98.4 | 2.00 | 1.37 | |
| Total Xylenes* | <0.150 | 0.150 | 07/31/2019 | ND | 5.95 | 99.2 | 6.00 | 2.11 | |
| Total BTEX | <0.300 | 0.300 | 07/31/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.3 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: AH # 10 (0-1') (H902587-29)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.94 | 97.0 | 2.00 | 0.844 | |
| Toluene* | <0.050 | 0.050 | 07/31/2019 | ND | 2.04 | 102 | 2.00 | 2.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.97 | 98.4 | 2.00 | 1.37 | |
| Total Xylenes* | <0.150 | 0.150 | 07/31/2019 | ND | 5.95 | 99.2 | 6.00 | 2.11 | |
| Total BTEX | <0.300 | 0.300 | 07/31/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.7 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.0 | % 37.6-14 | 7 | | | | | | |

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 10 (1-1.5') (H902587-30)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.94 | 97.0 | 2.00 | 0.844 | |
| Toluene* | <0.050 | 0.050 | 07/31/2019 | ND | 2.04 | 102 | 2.00 | 2.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.97 | 98.4 | 2.00 | 1.37 | |
| Total Xylenes* | <0.150 | 0.150 | 07/31/2019 | ND | 5.95 | 99.2 | 6.00 | 2.11 | |
| Total BTEX | <0.300 | 0.300 | 07/31/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.9 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.7 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

(432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Fax To:

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 11 (0-1') (H902587-31)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.94 | 97.0 | 2.00 | 0.844 | |
| Toluene* | <0.050 | 0.050 | 07/31/2019 | ND | 2.04 | 102 | 2.00 | 2.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/31/2019 | ND | 1.97 | 98.4 | 2.00 | 1.37 | |
| Total Xylenes* | <0.150 | 0.150 | 07/31/2019 | ND | 5.95 | 99.2 | 6.00 | 2.11 | |
| Total BTEX | <0.300 | 0.300 | 07/31/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 197 | 98.4 | 200 | 0.483 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 194 | 97.1 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.3 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

(432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Fax To:

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 11 (1-1.5') (H902587-32)

| BTEX 8021B | mg | /kg | Analyze | ed By: ms | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/01/2019 | ND | 1.94 | 97.0 | 2.00 | 0.844 | |
| Toluene* | <0.050 | 0.050 | 08/01/2019 | ND | 2.04 | 102 | 2.00 | 2.80 | |
| Ethylbenzene* | < 0.050 | 0.050 | 08/01/2019 | ND | 1.97 | 98.4 | 2.00 | 1.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/01/2019 | ND | 5.95 | 99.2 | 6.00 | 2.11 | |
| Total BTEX | <0.300 | 0.300 | 08/01/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 206 | 103 | 200 | 2.76 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 228 | 114 | 200 | 12.5 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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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: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: AH # 12 (0-1') (H902587-33)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/01/2019 | ND | 1.94 | 97.0 | 2.00 | 0.844 | |
| Toluene* | <0.050 | 0.050 | 08/01/2019 | ND | 2.04 | 102 | 2.00 | 2.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/01/2019 | ND | 1.97 | 98.4 | 2.00 | 1.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/01/2019 | ND | 5.95 | 99.2 | 6.00 | 2.11 | |
| Total BTEX | <0.300 | 0.300 | 08/01/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 206 | 103 | 200 | 2.76 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 228 | 114 | 200 | 12.5 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 9 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 9 | 37.6-14 | 7 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

TETRA TECH MIKE CARMONA 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/29/2019 Sampling Date: 07/29/2019

Reported: 08/01/2019 Sampling Type: Soil

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: AH # 12 (1-1.5') (H902587-34)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/01/2019 | ND | 1.94 | 97.0 | 2.00 | 0.844 | |
| Toluene* | <0.050 | 0.050 | 08/01/2019 | ND | 2.04 | 102 | 2.00 | 2.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/01/2019 | ND | 1.97 | 98.4 | 2.00 | 1.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/01/2019 | ND | 5.95 | 99.2 | 6.00 | 2.11 | |
| Total BTEX | <0.300 | 0.300 | 08/01/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 73.3-12 | 9 | | | | | | |
| 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 | 07/30/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/30/2019 | ND | 206 | 103 | 200 | 2.76 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/30/2019 | ND | 228 | 114 | 200 | 12.5 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/30/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 122 9 | % 37.6-14 | 7 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

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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Celeg D. Freene

analysis Request of Chain of Custody Record

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Tetra Tech, Inc.

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

| Client Name: | EOG | Site Manager: | Site Manager: Mike Carmona | | | | ANALYSIS REQUEST (Circle or Specify Method No.) | | | | | |
|--------------------------------------|---|--------------------|----------------------------|--|--------------------------------|---|---|--|---|---|--|--|
| Project Name: | Rattlesnake - Bandit | • | | | | 111 | | | | | | |
| Project Location: (county, state) | Lea Co, NM | Project #: Pendir | <u>`</u> 5 | | | | | | list) | | | |
| Invoice to: | EOG - James Kennedy | | | | | MRO) | 원 원 | | ached | | | |
| Receiving Laboratory: | 1000000 | Sampler Signature: | | er Moehring | | SHO-1 | Pb Se Pb Se | 2 | see att | | | |
| Comments: Qua | desper sample of TPH (aro+DR) Denzene exceeds to mighting or | torni TPH exceeds | 100 mg/K 50 mg/11 | g. Eun deeper | Gumpic | (8021B BTEX 8260B TX1005 (Ext to C35) 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) | 90 | | |
| | | SAMPLING | MATRIX | | ERS (N) | Ext to (GRO | Ag As E Ag As | TCLP Semi Volatilles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 82700 PCB's, 8082 / 608 | stos) Sulfate | Anion/Cation Balance | | |
| H962587 | SAMPLE IDENTIFICATION | YEAR: 2019 | - H. | | # CONTAINERS FILTERED (Y/N) | BTEX 8021B TPH TX1005 TPH 8015M (| PAH 8270C Total Metals Ag TCLP Metals A | TCLP Semi Volatili RCI GC/MS Vol. 82600 GC/MS Semi. Vol. PCB's 8082 / 608 | NORM PLM (Asbestos) Chloride Chloride Sulf | /Catio | | |
| (LAB USE) | | DATE | WATER | HCL HNO ₃ ICE None | # CON FILTE | BTEX TPH T | PAH TOTALP TCLP | TCLP RCI GC/M GC/M | | Anion | | |
| IAH | 141 (0-1) | 7/29/19 | X | | 1 2 | XX | | | XX | ++++ | | |
| | #1 (1-1.5') | | | | | × × | | | $++\times+$ | ++++ | | |
| | ±1 (7-2.5°) | | | | | $\perp \perp \perp$ | +++ | | X | ++++ | | |
| | ±1 (3-3.5°) | | | | | | +++ | | × | | | |
| C AH ± | 性((4-4.5) | | | | | | | | × | ++++ | | |
| | #2 (0-1) | | | | | × × | | | X | ++++ | | |
| T | # 2 (1-1.5') | | | | | × × | | | × | +++++ | | |
| | ± 2 (2-7.5°) | | | | | | | | × | | | |
| 0 | # 2 (3+3.5') | | | | | | | | X | 1 6 | | |
| | #3 (0-1') | 4 | 4 | 4 | 4 9 | ××× | | | | 9 | | |
| Relinguished by: | Date: Time: | Received by: | Delas | Date: Time: 7-29-19 | 16:65 | L | USE R | EMARKS: STANI | DARD me Day 24 hr | 48 hr. 72 hr. | | |
| Relinquished by: | Date: Time: | Received by: | V | Date: Time: | | 3.82 | mperature #97 | Rush Charg | | 48 hr 72 hr 72 hr 311702/11/8: 348 hr 72 hr | | |
| Relinquished by: | Date: Time: | Received by: | | Date: Time: | | Col | | 0. | oort Limits or TRR | P Report | | |
| | | | | | | (Circle) HA | AND DELIVER | ED FEDEX UPS | Tracking #: | | | |
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Received by OCD: 11/26/2023 4:10:17

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Tetra Tech, Inc.

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

| | | | 15 | ax (432) 062-3340 | | | | |
|--------------------------------------|------------------------|---|---------------|--|--------------|---|--|--------------------------------------|
| Client Name: | EOG | Site Manager: | Mike C | armona | | (0) | ANALYSIS REQUEST | |
| Project Name: | Rattlesnake - Bandit | | | | | (Circle | e or Specify Method No.) |) |
| Project Location: (county, state) | Lea Co, NM | Project #: | nding | | | 1 | | |
| Invoice to: | EOG - James Kennedy | | | | | MRO) |) iii | Dado III |
| Receiving Laboratory: | Cardinal | Sampler Signature: | Cor | ner Moehring | | ORO - N | | |
| Comments: | | · | | | | X 8260B C35) DRO - O | / 624 8270C/625 TDS | Chemistry (see attached list) alance |
| H9 0 2587 | | SAMPLING | MATRI | PRESERVATIVE METHOD | HS (N) | BTE: (Ext to (GRO - | les Volatiles Volatiles 8260B / 624 ni. Vol. 8270C 2 / 608 stos) stos) | Balanc |
| LAB# | SAMPLE IDENTIFICATION | YEAR: 2019 Ш | WATER SOIL | ے ا ^ر ان اور ا | # CONTAINERS | 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 Ad As Ba Cd Cr Pb Se Hg | TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B GC/MS Semi. Vol. 8 PCB's 8082 / 608 NORM NORM PLM (Asbestos) Chloride Chloride Chloride Chloride Chloride Chloride | General Water Chemi |
| (ONLY) | | | | HNO ₃ | 200 | X BTEX TPH TPH Total | TCLP S RCI | Anion |
| | r3 (1-1.5°) | 7/29/19 | × | × | 1 7 | | | |
| | #3(2-2·s) #3(3·3·s) | | | | | | | ++++ |
| | # 3 (4-4.5) | | -H | | | | | ++++ |
| | 4 (6-1) | - | 1 11 | - | ++++ | ×× | | |
| | ± 4 (1-1.6°) | | | - - | | ×× | | |
| 6.7 | s (°~i') | | 1 11 | - | +++ | × × | | |
| | # 5 (t-1.5°) | | | - 1 1 1 1 1 1 - 1 1 1 1 1 1 1 1 1 1 1 1 | +++ | * * | | ; |
| 1 4 | #5 (2-2-5') | | | | +++ | | | |
| | # (0-1) | 4 | 4 | | 44 | 7 X X | | |
| Relinquished by: | Date: Time: | Received by: | Mar | Date: Time: 7-29-19 | 16:05 | LAB USE ONLY | REMARKS: STANDARD | 48 hr 72 hr |
| Relinquished by: | Date: Time: | Received by: | Jane y | Date: Time: | | Sample Temperature 3.82 #97 Corrected | RUSH: Same Day 24 hr | 48 hr 72 hr |
| Relinquished by: | Date: Time: | Received by: | 8 | Date: Time: | | Corrected | Special Report Limits or TRR | Report |
| , | | | rdens. | | | | ERED FEDEX UPS Tracking #: | |
| | | ORIGINAL CO | PY | | | | | |

Analysis Request of Chain of Custody Record Page of 4 Tetra Tech, Inc. 901W Wall Street, Ste 100 Midland, Texas 79705 Tt Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: ANALYSIS REQUEST EOG Mike Carmona (Circle or Specify Method No.) Project Name: Rattlesnake - Bandit Project Location: Project #: Lea Co, NM Bending (county, state) Invoice to: ГРН 8015М (GRO - DRO - ORO - MRO) General Water Chemistry (see attached EOG - James Kennedy rotal Metals Ag As Ba Cd Cr Pb Se Hg ICLP Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Conner Moehring Cardinal GC/MS Semi. Vol. 8270C/625 Comments: PH TX1005 (Ext to C35) GC/MS Vol. 8260B / 624 Anion/Cation Balance PRESERVATIVE rCLP Semi Volatiles Sulfate SAMPLING MATRIX 8082 / 608 METHOD CONTAINERS FILTERED (Y/N) H902587 PLM (Asbestos) YEAR: 2019 SAMPLE IDENTIFICATION LAB# WATER LAB USE ÖNH 阜 Hold CE ONLY AH = 36 (1-1.5) 7/29/9 2 AH # 6 (2-2.5) AH# 7 (0-1) AHIT (1-1.5) (0-1) BHHA 8 X 8 # HA (1-1.5) X PH # C 10-17 X PHHS (1-1.5) X 01 # HA (0-1 A P 4 4 DH# 10 11-1.5 Relinquished by: Date: Time: Received by: Date: REMARKS: LAB USE Released to Imaging: 3/11/2024 form mother 1605 STANDARD 7/29/19 ONLY RUSH: Same Day 24 hr 48 hr 72 hr Date: Time: Received by: Sample Temperature Rush Charges Authorized Corrected Relinquished by: Date: Time: Received by: Date: Time: OCD: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

Analysis Request of Chain of Custody Record Page Tetra Tech, Inc. 901W Wall Street, Ste 100 Tt Midland, Texas 79705 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: EOG ANALYSIS REQUEST Mike Carmona (Circle or Specify Method No.) Project Name: Rattlesnake - Bandit Project Location: Project #: Lea Co, NM PENDING (county, state) Invoice to: General Water Chemistry (see attached TPH 8015M (GRO - DRO - ORO - MRO) EOG - James Kennedy Receiving Laboratory: Sampler Signature: MARDINAL Conner Moehring Comments: TPH TX1005 (Ext to C35) Total Metals Ag As Ba Co GC/MS Vol. 8260B / 624 PRESERVATIVE **ICLP Semi Volatiles** SAMPLING Sulfate MATRIX GC/MS Semi. Vol. H90258 METHOD # CONTAINERS FILTERED (Y/N) PCB's 8082 / 608 PLM (Asbestos) YEAR: 2019 LAB# SAMPLE IDENTIFICATION Chloride WATER LAB USE ICE None HNO3 SOIL 건 ONLY DH # 11 (0-1) 7/29/19 X AH # 11 (1-1.5) 2 AH = 12 (0-1') N AH = 12 (1-1-5) 4 X 2 Relinquished by: Date: Time: Received by: REMARKS: LAB USE Lenn monly 1605 7/202/19 STANDARD ONLY Relinquished by: Date: Time: Received by: RUSH: Same Day 24 hr 48 hr 72 hr Sample Temperature 3.82 \$197 Rush Charges Authorized Relinquished by: Date: Time: Received by: Date: Time: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY



December 19, 2019

CLAIR GONZALES
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: RATTLESNAKE - BANDIT

Enclosed are the results of analyses for samples received by the laboratory on 12/18/19 13:35.

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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 1 COMP 12' (H904223-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.8 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.5 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 2 COMP 12' (H904223-02)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 116 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.5 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.5 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 3 COMP 12' (H904223-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | 6 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.5 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 4 COMP 12' (H904223-04)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 9 | 6 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.4 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.3 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 5 COMP 12' (H904223-05)

| BTEX 8021B | mg, | 'kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.1 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 6 COMP 12' (H904223-06)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 9 | 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.8 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.5 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 7 COMP 12' (H904223-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.5 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.8 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 8 COMP 12' (H904223-08)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.9 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.0 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 9 COMP 11' (H904223-09)

| BTEX 8021B | mg | /kg | Analyze | ed By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.8 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 10 COMP 11' (H904223-10)

| BTEX 8021B | mg/ | /kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.1 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 37 6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 11 COMP 11' (H904223-11)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | < 0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 % | 6 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 9 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 12 COMP 9' (H904223-12)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.7 | % 41-142 | ! | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 9 | 6 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 13 COMP 9' (H904223-13)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.9 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 14 COMP 9' (H904223-14)

ma/ka

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.1 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.5 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 15 COMP 9' (H904223-15)

ma/ka

| B1EX 8021B | mg/ | кg | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.5 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.9 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.6 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701 Fax To:

(432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 16 COMP 8' (H904223-16)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.9 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 % | 6 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 % | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 17 COMP 8' (H904223-17)

ma/ka

| BIEX 8021B | mg/ | кg | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 18 COMP 8' (H904223-18)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | 6 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 9 | 6 37.6-14 | 7 | | | | | | |

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Celey D. Keene



12/18/2019

Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date:

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 19 COMP 6' (H904223-19)

ma/ka

| B1EX 8021B | mg | /кд | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 20 COMP 6' (H904223-20)

ma/ka

| ıııg, | <u>ng</u> | Alluly20 | u by. 145 | | | | | |
|--------|--|---|--|---|--|---|---|---|
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| 98.0 | % 73.3-12 | 9 | | | | | | |
| mg/kg | | Analyzed By: AC | | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 32.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| mg/ | 'kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| 103 9 | % 41-142 |) | | | | | | |
| 106 9 | % 37.6-14 | 7 | | | | | | |
| | Result <0.050 <0.050 <0.050 <0.150 <0.300 98.0 mg/ Result 32.0 mg/ Result <10.0 <10.0 <10.0 | <0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 98.0 % 73.3-12 mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 <10.0 | Result Reporting Limit Analyzed <0.050 | Result Reporting Limit Analyzed Method Blank <0.050 | Result Reporting Limit Analyzed Method Blank BS <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050 |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 21 COMP 6' (H904223-21)

ma/ka

| BIEX 8021B | mg/ | кg | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.4 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 | % 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

ma/ka

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 22 COMP 6' (H904223-22)

| BIEX 8021B | mg/ | кg | Anaiyze | a By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.8 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 23 COMP 6' (H904223-23)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.5 % | 6 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyze | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.5 9 | 6 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 % | 6 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 24 COMP 6' (H904223-24)

ma/ka

| BIEX 8021B | mg | кg | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.5 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 25 COMP 6' (H904223-25)

ma/ka

| BIEX 8021B | mg/ | кg | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.3 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 26 COMP 12' (H904223-26)

ma/ka

| Result <0.050 <0.050 <0.050 | Reporting Limit 0.050 0.050 | Analyzed 12/18/2019 12/18/2019 | Method Blank | BS 1.99 | % Recovery | True Value QC | RPD | Qualifier |
|-----------------------------|--|--|--------------|------------|------------|--|---|-----------|
| <0.050 | | | ND | 1.99 | 00.6 | | | |
| | 0.050 | 12/18/2019 | | | 99.6 | 2.00 | 4.69 | |
| <0.050 | | 12/10/2013 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| < 0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| 98.2 | % 73.3-12 | 9 | | | | | | |
| mg, | /kg | Analyzed By: AC | | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 32.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| mg, | /kg | Analyzed By: MS | | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| 88.4 | % 41-142 | | | | | | | |
| 93.1 | % 37.6-14 | 7 | | | | | | |
| | <0.150 <0.300 98.2 mg/ Result 32.0 mg/ Result <10.0 <10.0 <88.4 | <0.150 0.150 <0.300 0.300 98.2 % 73.3-12.0 mg/ky Result Reporting Limit 32.0 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 | <0.150 | <0.150 | <0.150 | <0.150 0.150 12/18/2019 ND 5.81 96.8 <0.300 0.300 12/18/2019 ND 5.81 96.8 98.2 % 73.3-129 mg/ky Analyzed By: AC Result Reporting Limit Analyzed By: MS % Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0 | < 0.150 0.150 12/18/2019 ND 5.81 96.8 6.00 98.2 % 73.3-129 Mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 32.0 16.0 12/19/2019 ND 432 108 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 10.0 12/19/2019 ND 226 113 200 | <0.150 |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 27 COMP 12' (H904223-27)

| BTEX 8021B | mg/kg | | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | 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 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.3 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.8 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 28 COMP 12' (H904223-28)

| BTEX 8021B | mg/kg | | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.4 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | 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 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.9 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.7 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 29 COMP 12' (H904223-29)

ma/ka

| Result | Reporting Limit | Analyzed | Method Blank | | | | | |
|---------|--|--|---------------|--------|------------|---------------|--------|-----------|
| < 0.050 | | , | Metriod Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| | 0.050 | 12/18/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| <0.150 | 0.150 | 12/18/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| 98.1 | % 73.3-12 | 9 | | | | | | |
| mg/kg | | Analyzed By: AC | | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <16.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| mg/ | /kg | Analyzed By: MS | | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| 87.3 | % 41-142 | | | | | | | |
| 91.8 | % 37.6-14 | 7 | | | | | | |
| | <0.050 <0.150 <0.300 98.1 mg/ Result <16.0 mg/ Result <10.0 <10.0 <87.3 | <0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 98.1 % 73.3-125 mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 < | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |

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Analytical Results For:

TETRA TECH
CLAIR GONZALES
901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA CO NM

BTEX 8021B

Sample ID: BOTTOM HOLE - 30 COMP 12' (H904223-30)

mg/kg

| | <u> </u> | | | | | | | | |
|--------------------------------------|----------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.4 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | 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 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.0 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene

Received:



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

12/18/2019

Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Sampling Date:

Fax To: (432) 682-3946

12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 31 COMP 12' (H904223-31)

| BTEX 8021B | mg/kg | | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.99 | 99.6 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 4.73 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.99 | 99.4 | 2.00 | 4.70 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.81 | 96.8 | 6.00 | 4.55 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 226 | 113 | 200 | 3.25 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.727 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.1 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 32 COMP 12' (H904223-32)

| BTEX 8021B | mg/kg | | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 125 % | 6 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.5 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.6 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 33 COMP 12' (H904223-33)

ma/ka

| B1EX 8021B | mg | / kg | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | 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 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 34 COMP 11' (H904223-34)

ma/ka

| BIEX 8021B | mg | /кд | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 126 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 65.9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.8 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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12/18/2019

Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date:

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Tamara Oldaker NONE GIVEN Sample Received By:

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 35 COMP 11' (H904223-35)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 126 9 | 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.1 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.9 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 36 COMP 11' (H904223-36)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 125 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.0 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.9 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 37 COMP 9' (H904223-37)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | ea By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.6 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 38 COMP 9' (H904223-38)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | ea By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 123 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.6 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.6 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 39 COMP 9' (H904223-39)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 % | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.8 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.3 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 40 COMP 9' (H904223-40)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 % | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.4 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.5 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 41 COMP 8' (H904223-41)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 123 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.1 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.7 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 42 COMP 8' (H904223-42)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | < 0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 9 | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.6 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.8 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 43 COMP 8' (H904223-43)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 123 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.8 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.1 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 44 COMP 6' (H904223-44)

ma/ka

| Result < 0.050 < 0.050 | Reporting Limit 0.050 | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|------------------------|--|---|--------------|--------|------------|---------------|--------|-----------|
| | 0.050 | 12/10/2010 | | | , | | Tu D | Qualifier |
| < 0.050 | | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| .0.000 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| 123 9 | % 73.3-12 | 9 | | | | | | |
| mg/ | kg | Analyzed By: AC | | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 32.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| mg/ | kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| 74.7 | % 41-142 | | | | | | | |
| 78.9 | % 37.6-14 | 7 | | | | | | |
| | <0.150 <0.300 123 9 mg/ Result 32.0 mg/ Result <10.0 <10.0 <10.0 | <0.050 0.050 <0.150 0.150 <0.300 0.300 123 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 45 COMP 6' (H904223-45)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.1 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.1 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 46 COMP 6' (H904223-46)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | QM-07 |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.8 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.7 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: NONE GIVEN Sample Received By:

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 47 COMP 6' (H904223-47)

| BTEX 8021B | mg, | 'kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.8 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.5 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 48 COMP 6' (H904223-48)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 9 | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | mg/kg | | Analyzed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.0 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.3 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 49 COMP 6' (H904223-49)

ma/ka

| B1EX 8021B | mg | / kg | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 | % 73.3-129 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.2 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.5 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 50 COMP 6' (H904223-50)

ma/ka

| BIEX 8021B | mg | /кд | Anaiyze | a By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 123 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.9 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.5 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 51 COMP 8' (H904223-51)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.14 | 107 | 2.00 | 3.97 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.19 | 110 | 2.00 | 4.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 2.29 | 114 | 2.00 | 4.45 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.74 | 112 | 6.00 | 4.60 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 9 | 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 208 | 104 | 200 | 5.61 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 209 | 105 | 200 | 4.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.6 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.7 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 52 COMP 8' (H904223-52)

| BTEX 8021B | mg | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.3 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.7 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 53 COMP 8' (H904223-53)

| BTEX 8021B | mg/ | kg | Analyze | Analyzed By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.6 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.8 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 54 COMP 8' (H904223-54)

| BTEX 8021B | mg | mg/kg | | Analyzed By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.1 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.0 | % 37.6-14 | 7 | | | | | | |

Surrogate: 1-Chlorooctadecane //.0 % 3/.6-14/

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 55 COMP 8' (H904223-55)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.4 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.2 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 56 COMP 8' (H904223-56)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.2 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.3 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 57 COMP 8' (H904223-57)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.5 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.6 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 58 COMP 8' (H904223-58)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.3 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.1 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 59 COMP 7' (H904223-59)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.7 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.4 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 60 COMP 7' (H904223-60)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.3 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.2 | % 37.6-14 | 7 | | | | | | |

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12/18/2019

Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date:

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 61 COMP 7' (H904223-61)

ma/ka

| B1EX 8021B | mg/ | ку | Allalyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.7 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.1 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.8 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 62 COMP 7' (H904223-62)

ma/ka

| Result <0.050 <0.050 | Reporting Limit 0.050 | Analyzed 12/18/2019 | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------------|---|--|--------------|--|------------|---------------|--------|-----------|
| | 0.050 | 12/18/2019 | | | | | Tu D | Quanner |
| <0.050 | | ,,, | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| 99.3 | % 73.3-12 | 9 | | | | | | |
| mg/ | kg | Analyze | d By: AC | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <16.0 | 16.0 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| mg/ | kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| 76.1 | % 41-142 | | | | | | | |
| 81.5 | % 37.6-14 | 7 | | | | | | |
| | <0.150 <0.300 99.3 mg/ Result <16.0 mg/ Result <10.0 <10.0 <76.1 | <0.150 <0.300 99.3 % 73.3-12 mg/kg Result Reporting Limit <16.0 16.0 16.0 16.0 16.0 10.0 10.0 10.0 | <0.150 | <0.150 12/18/2019 ND 99.3 % 73.3-129 Method Blank Pesult Reporting Limit Analyzed Method Blank <16.0 | <0.150 | <0.150 | <0.150 | <0.150 |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 63 COMP 7' (H904223-63)

ma/ka

| BIEX 8021B | mg, | ^и кд | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 95.7 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.3 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.1 | % 37.6-14 | 7 | | | | | | |

Surrogate: 1-Chlorooctadecane 82.1 % 3/.6-14/

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 64 COMP 7' (H904223-64)

ma/ka

| BIEX 8021B | mg | /кд | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.2 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.1 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 65 COMP 7' (H904223-65)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.8 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 12/19/2019 | ND | 400 | 100 | 400 | 7.69 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.6 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.3 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 66 COMP 7' (H904223-66)

ma/ka

| B1EX 8021B | mg | /кд | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.9 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.1 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 67 COMP 6' (H904223-67)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.7 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.7 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.1 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 68 COMP 6' (H904223-68)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.5 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH
CLAIR GONZALES
901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 69 COMP 6' (H904223-69)

ma/ka

| B1EX 8021B | mg/ | кд | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.0 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 70 COMP 6' (H904223-70)

| BTEX 8021B | mg/ | kg | Analyze | Analyzed By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.0 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 71 COMP 6' (H904223-71)

ma/ka

| EX 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 | 12/19/2019 | ND | 1.94 | 97.2 | 2.00 | 0.134 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.94 | 97.1 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.6 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 6.00 | 100 | 6.00 | 1.61 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 227 | 113 | 200 | 0.709 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 0.934 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.9 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.3 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 72 COMP 6' (H904223-72)

ma/ka

| EX 8021B | тд/кд | | Analyzed By: ms | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 71.3 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.3 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 73 COMP 6' (H904223-73)

| 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 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.5 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.5 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 74 COMP 6' (H904223-74)

ma/ka

| EX 8021B | тд/кд | | Analyzed By: ms | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.17 | 109 | 2.00 | 3.42 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.26 | 113 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 2.40 | 120 | 2.00 | 0.441 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 7.10 | 118 | 6.00 | 0.114 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.7 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 75 COMP 6' (H904223-75)

ma/ka

| | RPD Qu 3.42 2.83 0.441 0.114 |
|---------------|--|
| 2.00 | 2.83 0.441 |
| 2.00 | 0.441 |
| | |
| 6.00 | 0.114 |
| | |
| | |
| | |
| | |
| True Value QC | RPD Qu |
| 400 | 0.00 |
| | |
| True Value QC | RPD Qu |
| 200 | 5.13 |
| 200 | 4.27 |
| | |
| | |
| | |
| , | 200 |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 76 COMP 8' (H904223-76)

ma/ka

| EX 8021B | тд/кд | | Analyzed By: MS | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.7 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.2 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 77 COMP 8' (H904223-77)

ma/ka

| EX 8021B | mg, | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------------------|---------|-----------------|-----------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Fotal Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (Pa | ID 98.8 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.1 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.4 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA CO NM

BTEX 8021B

Sample ID: BOTTOM HOLE - 78 COMP 8' (H904223-78)

mg/kg

| | <u> </u> | | | • • | | | | | |
|--------------------------------------|----------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.8 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.5 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.3 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 79 COMP 8' (H904223-79)

ma/ka

| EX 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 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PL | 99.6 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.8 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.5 | % 37.6-14 | 7 | | | | | | |
| DRO >C10-C28* EXT DRO >C28-C36 Surrogate: 1-Chlorooctane | <10.0 <10.0 | 10.0 10.0 % 41-142 | 12/19/2019 12/19/2019 | ND | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 80 COMP 8' (H904223-80)

ma/ka

| EX 8021B | тд/кд | | Analyzed By: MS | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 73.3-129 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.4 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH
CLAIR GONZALES
901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 81 COMP 8' (H904223-81)

ma/ka

| EX 8021B | тд/кд | | Analyzed By: MS | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/19/2019 | 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 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.0 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.4 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 82 COMP 8' (H904223-82)

ma/ka

| B1EX 8021B | mg/ | кд | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 61.7 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 66.4 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 83 COMP 8' (H904223-83)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 67.4 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.0 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 84 COMP 7' (H904223-84)

ma/ka

| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------|--|---|------------------------------|--------|------------|---------------|--------|-----------|
| <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| 101 9 | % 73.3-12 | 9 | | | | | | |
| mg/ | kg | Analyze | d By: AC | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 64.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| mg/ | kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| 66.9 | % 41-142 | , | | | | | | |
| 67.2 | % 37.6-14 | 7 | | | | | | |
| | <0.050 <0.050 <0.050 <0.150 <0.300 101 9 mg/ Result 64.0 mg/ Result <10.0 <10.0 <66.9 9 | <0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.150 <0.300 Document of the process of | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 85 COMP 7' (H904223-85)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 66.8 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 68.1 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 86 COMP 7' (H904223-86)

ma/ka

| Result <0.050 <0.050 <0.050 <0.150 <0.300 | Reporting Limit 0.050 0.050 0.050 0.150 0.300 | Analyzed 12/19/2019 12/19/2019 12/19/2019 12/19/2019 12/19/2019 | Method Blank ND ND ND ND ND ND ND | BS 1.91 1.89 1.83 5.83 | % Recovery 95.3 94.4 91.5 97.2 | True Value QC 2.00 2.00 2.00 6.00 | RPD 12.1 12.8 12.4 | Qualifier |
|---|--|---|--|---|--|--|--|---|
| <0.050 <0.050 <0.150 <0.300 | 0.050 0.050 0.150 0.300 | 12/19/2019 12/19/2019 12/19/2019 | ND ND ND | 1.89 1.83 | 94.4 91.5 | 2.00 2.00 | 12.8 12.4 | |
| <0.050 <0.150 <0.300 | 0.050 0.150 0.300 | 12/19/2019 12/19/2019 | ND ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| <0.150 <0.300 | 0.150 0.300 | 12/19/2019 | ND | | | | | |
| <0.300 | 0.300 | | | 5.83 | 97.2 | 6.00 | 12.6 | |
| | | 12/19/2019 | ND | | | 0.00 | 12.6 | |
| 101 | | | | | | | | |
| | % 73.3-12 | 9 | | | | | | |
| mg | /kg | Analyze | d By: AC | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 128 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| mg, | /kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| 74.8 | % 41-142 | | | | | | | |
| 79.0 | % 37.6-14 | 7 | | | | | | |
| | Result 128 mg, Result <10.0 <10.0 <74.8 | mg/kg Result Reporting Limit 128 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 | mg/kg Analyzed Result Reporting Limit Analyzed 12/19/2019 mg/kg Analyzed Result Reporting Limit Analyzed <10.0 | 73.3-129 mg/ky Analyzed By: AC Result Reporting Limit 16.0 Analyzed Method Blank 12/19/2019 ND Result Reporting Limit Analyzed Method Blank <10.0 | 101 % 73.3-129 mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 128 16.0 12/19/2019 ND 432 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0 10.0 12/19/2019 ND 210 | 77.3.3-129 mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 128 16.0 12/19/2019 ND 432 108 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0 10.0 12/19/2019 ND 210 105 | 101 % 73.3-129 mg/kg Analyzed By: AC Result Reporting Limit Analyzed D12/19/2019 ND 432 108 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 | 101 % 73.3-129 mg/kg Analyzed By: AC Result Reporting Limit Analyzed 16.0 12/19/2019 ND 432 108 400 3.77 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD <10.0 10.0 12/19/2019 ND 210 105 200 5.13 |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 87 COMP 7' (H904223-87)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 % | 6 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.6 9 | % 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.5 9 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 88 COMP 7' (H904223-88)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.1 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.0 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701 Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 89 COMP 7' (H904223-89)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | < 0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.0 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.5 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.5 | % 37.6-14 | 7 | | | | | | |

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Celeg D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 90 COMP 7' (H904223-90)

ma/ka

| B1EX 8021B | mg | /кд | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 73.3-129 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.0 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.3 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Notes and Definitions

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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Analysis Request of Chain of Custody Record Page 1 of Tetra Tech, Inc. 900 West Wall Street, Ste 100 Tt Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: EOG Clair Gonzales ANALYSIS REQUEST (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) General Water Chemistry (see attached list) Invoice to: James Kennedy 8015M (GRO - DRO - ORO - MRO) Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez Comments: GC/MS Semi. Vol. 8270C/625 TX1005 (Ext to C35) 8260B / 624 Anion/Cation Balance PRESERVATIVE Sulfate TCLP Metals Ag As SAMPLING H904223 MATRIX METHOD CONTAINERS PCB's 8082 / 608 PLM (Asbestos) YEAR: 2019 LAB# SAMPLE IDENTIFICATION GC/MS Vol. **TPH 8015R** WATER Chloride LAB USE HCL HNO₃ None NORM SOIL TCLP TPH CE ONLY Hold Bottomhole-1 Comp 12' X 12/18/2019 1 N X X X Bottomhole-2 Comp 12' X 12/18/2019 1 N X 3 Bottomhole-3 Comp 12' X 12/18/2019 X 1 N X X X Bottomhole-4 Comp 12' X 12/18/2019 N X X X 5 Bottomhole-5 Comp 12' X X 12/18/2019 N IX X X Bottomhole-6 Comp 12' ۵ 12/18/2019 X 1 N IX X X Bottomhole-7 Comp 12' X 12/18/2019 X N X 8 Bottomhole-8 Comp 12' X 12/18/2019 1 N X X V Bottomhole-9 Comp 11' X 12/18/2019 X 1 N X Bottomhole-10 Comp 11' 12/18/2019 N X Relinquished by: Date: Time: Received by REMARKS: LAB USE Released to Imaging: 3/11/2024 STANDARD 181181 12/18/19 1335 ONLY elinquished by: Date: Time: Received by X RUSH: Same Day 24 hr 48 hr 72 hr Sample Temperature Rush Charges Authorized Correction elinquished by: Date: Time: Received by: Date: Time: 5.0E Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

Analysis Request of Chain of Custody Record

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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: | Clair Gor | nzales | | ANALYSIS REQUEST |
|--------------------------------------|------------------------|--|-----------|--|--------------------------------|--|
| Project Name: | Rattlesnake to Bandit | | | | | (Circle or Specify Method No.) |
| Project Location: (county, state) | Lea County, New Mexico | Project#: | | | | |
| Invoice to: | James Kennedy | | | | | (30) (30) (40) (40) (40) (40) (40) (40) (40) (4 |
| Receiving Laboratory: | Cardinal Lab | Sampler Signature: | Devin | Dominguez | ~~~ | RO - MRO) Se Hg b Se Hg |
| Comments: | | | | | | EX 8260B to C35) - DRO - OR Ba Cd Cr Pb Ba Cd Cr Pb S S TDS TDS TDS TOBS |
| H904223 | | SAMPLING | MATRIX | PRESERVATIVE METHOD | RS (Ñ | 1B BTEX 826 D5 (Ext to C35) M (GRO - DRO |
| LAB# | SAMPLE IDENTIFICATION | YEAR: 2019 BL UP PA PE PE PE PE PE PE PE PE PE PE PE PE PE | WATER | HCL HNO ₃ ICE None | # CONTAINERS FILTERED (Y/N) | BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) 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 Volatiles RCI GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) Chloride Sulfate TDS General Water Chemistry (see attached Anion/Cation Balance |
| 11 | Bottomhole-11 Comp 11' | 12/18/2019 | X | X | 1 N | |
| 12 | Bottomhole-12 Comp 9' | 12/18/2019 | X | X | 1 N | |
| 13 | Bottomhole-13 Comp 9' | 12/18/2019 | X | X | 1 N | |
| 14 | Bottomhole-14 Comp 9' | 12/18/2019 | X | X | 1 N | |
| 15 | Bottomhole-15 Comp 9' | 12/18/2019 | X | X | 1 N | |
| 16 | Bottomhole-16 Comp 8' | 12/18/2019 | X | X | 1 N | |
| 17 | Bottomhole-17 Comp 8' | 12/18/2019 | X | X | 1 N | |
| 18 | Bottomhole-18 Comp 8' | 12/18/2019 | X | X | 1 N | x x x |
| 19 | Bottomhole-19 Comp 6' | 12/18/2019 | X | X | 1 N | X X X X X X X X X |
| 20 | Bottomhole-20 Comp 6' | 12/18/2019 | X | X | 1 N | X X X X X X X X X X |
| Relinquished by: | Date: Time: | Received by: | Malle | Date: Time: | 13:35 | Sample Temperature X RUSH: Same Day 24 hr 48 hr 72 hr |
| Relinquished by: | Date: Time: | Received by: | | Date: Time: | | 4, 6c #97 |
| | | ORIGINAL COPY | | | | (Circle) HAND DELIVERED FEDEX UPS Tracking #: |

Analysis Request of Chain of Custody Record Page 3 of Tetra Tech, Inc. 900 West Wall Street, Ste 100 TE Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: **EOG** ANALYSIS REQUEST Clair Gonzales (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) General Water Chemistry (see attached list) Invoice to: James Kennedy 8015M (GRO - DRO - ORO - MRO) 면 문 Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez Cr Pb Comments: BTEX 8260B 8270C/625 Metals Ag As Ba Cd Cr TDS rotal Metals Ag As Ba Cd TPH TX1005 (Ext to C35) GC/MS Vol. 8260B / 624 Anion/Cation Balance **PRESERVATIVE TCLP Semi Volatiles** H904223 Sulfate SAMPLING MATRIX METHOD GC/MS Semi. Vol. # CONTAINERS PCB's 8082 / 608 PLM (Asbestos) YEAR: 2019 LAB# SAMPLE IDENTIFICATION **FPH 8015R** WATER Chloride LAB USE DATE HNO3 None TIME SOIL 수 CE ONLY Hold RCI 21 Bottomhole-21 Comp 6' X 12/18/2019 N X X 1 X 22 Bottomhole-22 Comp 6' 12/18/2019 X N X Bottomhole-23 Comp 6' X 12/18/2019 1 N X X Bottomhole-24 Comp 6' X 12/18/2019 N X 1 X 25 Bottomhole-25 Comp 6' 12/18/2019 X N X X 26 Bottomhole-26 Comp 12' X 12/18/2019 N X X Bottomhole-27 Comp 12' X 12/18/2019 N X X X Bottomhole-28 Comp 12' X 12/18/2019 X N X X Bottomhole-29 Comp 12' 12/18/2019 X X N X X Bottomhole-30 Comp 12' 12/18/2019 N X Relinquished by: Time: Received by: REMARKS: to Imaging: 3/11/2024 LAB USE 12/18/19 13:35 STANDARD ONLY Relinquished by: Date: Time: Received by: X RUSH: Same Day 24 hr 48 hr 72 hr Sample Temperature
4.6c ##7 Rush Charges Authorized Relinquished by: Date: Time: Received by: Date: Time: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

Analysis Request of Chain of Custody Record Page 4 of Tetra Tech, Inc. 900 West Wall Street. Ste 100 Tt Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: EOG ANALYSIS REQUEST Clair Gonzales (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) Water Chemistry (see attached list) Invoice to: James Kennedy TPH 8015M (GRO - DRO - ORO - MRO) Total Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez GC/MS Semi. Vol. 8270C/625 Comments: BTEX 8260B TPH TX1005 (Ext to C35) 8260B / 624 Anion/Cation Balance PRESERVATIVE Sulfate SAMPLING MATRIX H904223 METHOD PCB's 8082 / 608 # CONTAINERS PLM (Asbestos) YEAR: 2019 PAH 8270C LAB# SAMPLE IDENTIFICATION GC/MS Vol. **TPH 8015R** WATER Chloride General 1 HNO₃ None NORM LAB USE CCLP (수 Hold CE ONLY 31 Bottomhole-31 Comp 12' 12/18/2019 X 1 N X X 32 X Bottomhole-32 Comp 12' 12/18/2019 X 1 N X X X 33 Bottomhole-33 Comp 12' X X X N X X 12/18/2019 34 X Bottomhole-34 Comp 11' X X X 12/18/2019 1 N X 35 X Bottomhole-35 Comp 11' X X 12/18/2019 1 N X X 36 Bottomhole-36 Comp 11' X X N X X 12/18/2019 1 37 X X Bottomhole-37 Comp 9' X 12/18/2019 X N X 38 Χ Bottomhole-38 Comp 9' 12/18/2019 X N X X 1 X 39 Bottomhole-39 Comp 9' X X X 12/18/2019 1 N X Bottomhole-40 Comp 9' X X 12/18/2019 1 N X Relinquished by: Date: Time: Received by: REMARKS: LAB USE Released to Imaging: 3/11/2024 STANDARD ONLY 12/18/19 1335 X RUSH: Same Day 24 hr 48 hr 72 hr Relinquished by: Date: Time: Sample Temperature Rush Charges Authorized Relinquished by: Date: Time: Received by: Date: Time: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

Analysis Request of Chain of Custody Record Page 5 of 900 West Wall Street, Ste 100 Tetra Tech, Inc. Tt Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: ANALYSIS REQUEST EOG Clair Gonzales (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) Invoice to: James Kennedy 8015M (GRO - DRO - ORO - MRO) Water Chemistry (see attached Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez 8260B GC/MS Semi. Vol. 8270C/625 Comments: TDS TX1005 (Ext to C35) 8260B / 624 Anion/Cation Balance Sulfate PRESERVATIVE H904223 SAMPLING MATRIX METHOD # CONTAINERS PCB's 8082 / 608 PLM (Asbestos) TCLP Volatiles YEAR: 2019 **TPH 8015R** SAMPLE IDENTIFICATION GC/MS Vol. LAB# **MATER** General \ Chloride HNO3 None LAB USE TCLP (SOIL HCL Hold CE ONLY Bottomhole-41 Comp 8' 12/18/2019 X 1 N X 42 X X 1 X Bottomhole-42 Comp 8' N X X 12/18/2019 43 X X X Bottomhole-43 Comp 8' 12/18/2019 1 N X 44 Bottomhole-44 Comp 6' X X X X 12/18/2019 1 N X 45 X Bottomhole-45 Comp 6' X N X X X 1 12/18/2019 46 Bottomhole-46 Comp 6' X X 12/18/2019 N X Bottomhole-47 Comp 6' X X N X X X 12/18/2019 Bottomhole-48 Comp 6' X X X 1 N X 12/18/2019 49 Bottomhole-49 Comp 6' X X X X 12/18/2019 N Bottomhole-50 Comp 6' N X 12/18/2019 Χ Relinquished by: Date: Time: Received by: Date: REMARKS: LAB USE Released to Imaging: 3/11/2024 STANDARD ONLY X RUSH: Same Day Relinquished by: Date: Time: Received by: 48 hr 72 hr Rush Charges Authorized Relinquished by: Date: Time: Received by: Date: Time: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

| T | Tetra Tech, Inc. | | | | Mid | est Wall dland,T el (432) ax (432) | exas 7) 682-4 | 1559 | n | | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------------------|--------------------|--------|-----------|--------|---|-------------------|-------------------|------|------------|----------------|---------|---------------------------|-----------|-----------------|----------|----------|------------------|--------------|------------------|----------------|------|----------|----------|-----------|-----|
| Client Name: | EOG | Site Manager | | Cla | air Go | onza | les | | | | | | | | | | | YSIS | | | | | - | | - | |
| Project Name: | Rattlesnake to Bandit | | | | | | | | | | | 1 | Ĭ | (C | irc | e c | r S | pec | ify | Me | etho | od N | No.) | 1 1 | 1 | F I |
| Project Location: (county, state) | Lea County, New Mexico | Project #: | | | | | | | - | | | 11 | | | | | | | | | | | | | | |
| nvoice to: | James Kennedy | + | | | | | - | - | | | | | 6 | | | | | | | | | | d list) | | | |
| Receiving Laboratory: | Cardinal Lab | Sampler Sign | ature: | | Devi | in Do | omir | guez | | | | 1 | O-MR | | Se Hg | 3 | | | | | | | attached | | | |
| Comments: | | | | | | | | .9402 | | | | 8260B | 5) (O - OR(| | Cd Cr Pb | 5 | | | 8270C/625 | | | | ees) | | | |
| H904223 | a a | SAME | PLING | IVI. | ATRIX | < | | SERVATIV ETHOD | /E | S | ÷ | × | (Ext to C35) GRO - DRO | | As Ba (| | tiles | 30B / 624 | ol. 8270 | 88 | | | 1 = | Balance | | |
| LAB # | SAMPLE IDENTIFICATION | YEAR: 2019 DATE | TIME | WATER | SOIL | 1 | 3 | Ф | | CONTAINERS | FILTERED (Y/N) | < 8021B | TX1005 8015M (| PAH 8270C | Total Metals Ag | Volatile | 0 | /MS Vol. 826 | Semi. | PCB's 8082 / 608 | PLM (Asbestos) | 1 1 | | J B | TPH 8015R | |
| 51 | Bottomhole-51 Comp 8' | 12/18/2019 | Ē | 3 | X | HC | Î | Non X | | # 1 | | | | 1 | Tot | TCLP | 2 2 | 9 0 0 0 | 00 | 2 2 | P Z | | G G | Ani | | 3 |
| 52 | Bottomhole-52 Comp 8' | 12/18/2019 | | + | X | - | + | X | | 1 | N | X | X | - | + | - | \vdash | - | H | + | - | X | _ | | - | + |
| 53 | Bottomhole-53 Comp 8' | 12/18/2019 | | + | X | + | + | X | | 1 | N | X | X | - | + | + | \vdash | + | Н | + | - | X | + | \vdash | + | ++ |
| 54 | Bottomhole-54 Comp 8' | 12/18/2019 | | + | X | | + | X | | 1 | N | X | X | - | | \vdash | \vdash | + | \vdash | + | | X | + | \vdash | + | ++ |
| 55 | Bottomhole-55 Comp 8' | 12/18/2019 | | + | X | + | + | X | | 1 | N | X | ^ | - | + | - | \vdash | - | \vdash | 4 | - | X | +- | | 4 | 1 |
| 56 | Bottomhole-56 Comp 8' | 12/18/2019 | | + | X | | | X | | 1 | N | X | X | - | | | \vdash | + | \vdash | 1 | + | X | + | \vdash | - | + |
| 57 | Bottomhole-57 Comp 8' | 12/18/2019 | | + | X | | | X | | 1 | N | X | X | - | - | - | H | + | \vdash | + | + | X | +- | | + | + |
| 58 | Bottomhole-58 Comp 8' | 12/18/2019 | | + | X | | | X | | 1 | N | X | X | - | - | - | \vdash | + | \mathbf{H} | + | - | X | + | \vdash | + | ++ |
| 59 | Bottomhole-59 Comp 7' | 12/18/2019 | | \forall | X | | + | X | | 1 | N | X | X | - | + | + | \vdash | + | H | + | + | X | + | \vdash | + | ++ |
| 60 | Bottomhole-60 Comp 7' | 12/18/2019 | | + | X | | \vdash | X | | 1 | N | X | ^ | 1 | + | H | \vdash | + | | + | - | X | + | H | + | ++ |
| Relinquished by: | Date: Time: Time: Date: Time: | Received by | ara | Q. | las | Date | 1 | Time: | 8-10 | 91 | | | LAB | 1 | | | MAR | S | ΓΑΝΙ | | | | | | | |
| | C 90000 alcohola | Received by | | | | Date | e: | Time: | | | | Sam | ple Te | mpera | ature | 7 | | | | | 1 | 24 h | nr)48 | 8 hr | 72 h | r |
| Relinquished by: | Date: Time: | Received by: | | | | Date | e: | Time: | | | | Ca | 5 | -0 | tea | | | | | | | | RRP | Repo | ort | |
| - | | ORIGINAL | CODY | | | | | | | | | (Circ | le) HA | AND E | DELIV | ERED |) FE | DEX | UPS | Т | rackin | g#:_ | | | | |

Analysis Request of Chain of Custody Record Page 7 of Tetra Tech, Inc. 900 West Wall Street, Ste 100 TŁ Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: EOG Clair Gonzales ANALYSIS REQUEST (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) Invoice to: James Kennedy TPH 8015M (GRO - DRO - ORO - MRO) Sulfate TDS Water Chemistry (see attached Total Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez Comments: 8270C/625 TCLP Metals Ag As Ba Cd Cr TX1005 (Ext to C35) 8260B / 624 H904243 PRESERVATIVE SAMPLING MATRIX Semi. Vol. METHOD # CONTAINERS PCB's 8082 / 608 PLM (Asbestos) TCLP Volatiles YEAR: 2019 LAB# SAMPLE IDENTIFICATION PAH 8270C GC/MS Vol. WATER General V LAB USE Chloride Chloride HCL HNO₃ None GC/MS SOIL NORM ONLY TCLP : CE Hold lol Bottomhole-61 Comp 7' 12/18/2019 X 1 N X 62 Bottomhole-62 Comp 7' X 12/18/2019 X 1 N X X X Bottomhole-63 Comp 7' 12/18/2019 X X 1 N X X X 64 Bottomhole-64 Comp 7' 12/18/2019 X X X X 1 N X 65 Bottomhole-65 Comp 7' X 12/18/2019 X 1 N X X 600 Bottomhole-66 Comp 7' X 12/18/2019 X N X Χ 67 Bottomhole-67 Comp 6' 12/18/2019 X X X N X Bottomhole-68 Comp 6' X 12/18/2019 X X 1 N X 69 Bottomhole-69 Comp 6' 12/18/2019 X X N X X Bottomhole-70 Comp 6' 12/18/2019 X X X N X elinquished by: Date: Time: Received by REMARKS: LAB USE Imaging: 3/11/2024 13/18/10 STANDARD CI2/18/19 1335 ONLY elinguished by: Date: Time: X RUSH: Same Day 24 hr 48 hr 72 hr Sample Temperature Rush Charges Authorized elinquished by: Date: Time: Received by: Date: Time: Special Report Limits or TRRP Report 5 (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

Analysis Request of Chain of Custody Record Page 8 of Tetra Tech, Inc. 900 West Wall Street, Ste 100 Tt Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: EOG Clair Gonzales ANALYSIS REQUEST (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) Invoice to: James Kennedy 8015M (GRO - DRO - ORO - MRO) attached Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez Comments: General Water Chemistry TX1005 (Ext to C35) 8260B / 624 i. Vol. 8270C/ BTEX Anion/Cation Balance **PRESERVATIVE** TCLP Semi Volatiles Sulfate H904223 SAMPLING MATRIX METHOD CONTAINERS PCB's 8082 / 608 PLM (Asbestos) TCLP Volatiles YEAR: 2019 GC/MS Vol. GC/MS Semi LAB# SAMPLE IDENTIFICATION WATER Chloride Chloride HCL HNO₃ LAB USE DATE None SOIL SE Hold ONLY 11 Bottomhole-71 Comp 6' 12/18/2019 X N 1 X Bottomhole-72 Comp 6' 12/18/2019 X X 1 N X X Bottomhole-73 Comp 6' 12/18/2019 X X 1 N X X Bottomhole-74 Comp 6' X 12/18/2019 X 1 N X X Bottomhole-75 Comp 6' X 12/18/2019 X N X X 7/0 Bottomhole-76 Comp 8' X 12/18/2019 X N X X Bottomhole-77 Comp 8' X 12/18/2019 X 1 N X X Bottomhole-78 Comp 8' X 12/18/2019 X N X X X 19 Bottomhole-79 Comp 8' X 12/18/2019 X 1 N X X Bottomhole-80 Comp 8' 12/18/2019 X N X elinquished by: Date: Time: Received by: REMARKS: to Imaging: 3/11/2024 LAB USE STANDARD Sec 12-18-19 1335 ONLY elinquished by: Date: Time: Received by: X RUSH: Same Day 24 hr 48 hr 72 hr Sample Temperature Rush Charges Authorized Relinquished by: Date: Time: Received by: Date: Time: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

Analysis Request of Chain of Custody Record Page 9 of Tetra Tech, Inc. 900 West Wall Street, Ste 100 TE Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: EOG ANALYSIS REQUEST Clair Gonzales (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) Invoice to: James Kennedy TX1005 (Ext to C35) 8015M (GRO - DRO - ORO - MRO) attached TCLP Metals Ag As Ba Cd Cr Pb Se Hg Fotal Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez Comments: Water Chemistry GC/MS Vol. 8260B / 624 GC/MS Semi. Vol. 82700 Chloride Sulfate TI General Water Chemisi Anion/Cation Balance PRESERVATIVE SAMPLING MATRIX H904223 METHOD # CONTAINERS FILTERED (Y/N) PCB's 8082 / 608 PLM (Asbestos) **FCLP Volatiles** YEAR: 2019 LAB# SAMPLE IDENTIFICATION WATER Chloride DATE HCL HNO₃ LAB USE SOIL None TCLP 밍 Hold ONLY 8 Bottomhole-81 Comp 8' X X 12/18/2019 N 82 X Bottomhole-82 Comp 8' X 12/18/2019 1 N X X 83 X Bottomhole-83 Comp 8' X 12/18/2019 X 1 N X X 84 Bottomhole-84 Comp 7' X 12/18/2019 X X X X N 85 Bottomhole-85 Comp 7' X X lх X 12/18/2019 1 N X 86 X Bottomhole-86 Comp 7' 12/18/2019 X X X X 1 N 87 Bottomhole-87 Comp 7' X X X 12/18/2019 N X 88 X Bottomhole-88 Comp 7' X X 1 N 12/18/2019 X 89 Bottomhole-89 Comp 7' X 12/18/2019 1 N X X 90 Bottomhole-90 Comp 7' 12/18/2019 X N elinquished by: Time: Received by REMARKS: LAB USE Released to Imaging: 3/11/2024 18/18/19 STANDARD KAR 12-18-19 1335 ONLY elinquished by: Date: Time: X RUSH: Same Day (24 hr) 48 hr 72 hr Sample Temperature Rush Charges Authorized elinquished by: Date: Time: Received by: Date: Time: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY



December 19, 2019

CLAIR GONZALES
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: RATTLESNAKE - BANDIT

Enclosed are the results of analyses for samples received by the laboratory on 12/18/19 13:35.

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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA CO NM

BTEX 8021B

Sample ID: BOTTOM HOLE - 91 COMP 7' (H904224-01)

mg/kg

| | 9, | 9 | | | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.91 | 95.3 | 2.00 | 12.1 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.89 | 94.4 | 2.00 | 12.8 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.83 | 91.5 | 2.00 | 12.4 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.83 | 97.2 | 6.00 | 12.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 5.13 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 220 | 110 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.6 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA CO NM

BTEX 8021B

Sample ID: BOTTOM HOLE - 92 COMP 6' (H904224-02)

mg/kg

| | <u> </u> | | | | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.1 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.8 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 93 COMP 6' (H904224-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------------------------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | 13.0 13.2 13.6 13.7 | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.2 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.5 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 94 COMP 6' (H904224-04)

ma/ka

| B1EX 8021B | mg/ | кд | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.4 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.0 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keine



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fac. Tax. (422) 602 20

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 95 COMP 6' (H904224-05)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.2 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 96 COMP 6' (H904224-06)

ma/ka

| B1EX 8021B | mg/ | кд | Anaiyze | а ву: мѕ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.1 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.9 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA CO NM

RTFY 8021R

Sample ID: BOTTOM HOLE - 97 COMP 6' (H904224-07)

ma/ka

| BIEX 8021B | mg | / kg | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.4 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.3 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 98 COMP 6' (H904224-08)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.3 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.6 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 99 COMP 6' (H904224-09)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.8 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.0 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BOTTOM HOLE - 100 COMP 6' (H904224-10)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.53 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 228 | 114 | 200 | 3.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.8 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.6 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA CO NM

BTEX 8021B

Sample ID: BOTTOM HOLE - 101 COMP 4' (H904224-11)

mg/kg

| | <u> </u> | <u> </u> | | | | | | | |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.4 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 224 | 112 | 200 | 1.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.9 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.4 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG - LEA CO NM

Sample ID: NSW - 1 COMP 4' (H904224-12)

RTFY 8021R

| B1EX 8021B | mg | /кд | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.1 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 210 | 105 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 224 | 112 | 200 | 1.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 68.1 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.3 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: NSW - 2 COMP 1.5' (H904224-13)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.7 | % 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 9 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG - LEA CO NM

Sample ID: NSW - 3 COMP 1.5' (H904224-14)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.9 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.9 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG - LEA CO NM

Sample ID: NSW - 4 COMP 1.5' (H904224-15)

RTFY 8021R

| B1EX 8021B | mg | / kg | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.7 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.1 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.7 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: WSW - 1 COMP 4' (H904224-16)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.7 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.8 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: WSW - 2 COMP 12' (H904224-17)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | < 0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.3 | % 41-142 | ! | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.4 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA CO NM

Sample ID: WSW - 3 COMP 12' (H904224-18)

BTEX 8021B

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | < 0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.7 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.6 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG - LEA CO NM

Sample ID: WSW - 4 COMP 8' (H904224-19)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 73.3-129 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.3 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.6 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA CO NM

mg/kg

Sample ID: ESW - 1 COMP 6' (H904224-20)

BTEX 8021B

| | 9, | 9 | 7 | 7 | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.0 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: ESW - 2 COMP 6' (H904224-21)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.78 | 88.9 | 2.00 | 13.0 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.73 | 86.7 | 2.00 | 13.2 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.76 | 88.2 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.13 | 85.4 | 6.00 | 13.7 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/19/2019 | ND | 221 | 110 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/19/2019 | ND | 219 | 110 | 200 | 1.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 41-142 | ! | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: SSW - 1 COMP 8' (H904224-22)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | QR-03 |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.2 | % 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.1 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: SSW - 2 COMP 8' (H904224-23)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 9 | % 41-142 | ! | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | 37.6-14 | 7 | | | | | | |

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Celey D. Keene



Analytical Results For:

TETRA TECH CLAIR GONZALES 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

(432) 682-3946

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Fax To:

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: EOG - LEA CO NM

Sample ID: SSW - 3 COMP 8' (H904224-24)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.3 | % 41-142 | ı | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.9 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: SSW - 4 COMP 7' (H904224-25)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.4 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 226 | 113 | 200 | 3.47 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 225 | 113 | 200 | 5.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG - LEA CO NM

ma/ka

Sample ID: SSW - 5 COMP 7' (H904224-26)

RTFY 8021R

| BIEX 8021B | mg | / kg | Anaiyze | а ву: м5 | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 217 | 109 | 200 | 1.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 224 | 112 | 200 | 3.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 70.3 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.2 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: SSW - 6 COMP 7' (H904224-27)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 % | 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 217 | 109 | 200 | 1.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 224 | 112 | 200 | 3.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.2 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.2 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Tamara Oldaker NONE GIVEN Sample Received By:

Project Location: EOG - LEA CO NM

Sample ID: SSW - 7 COMP 6' (H904224-28)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 73.3-12 | 9 | | | | | | |
| 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 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 217 | 109 | 200 | 1.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 224 | 112 | 200 | 3.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.4 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.8 | % 37.6-14 | 7 | | | | | | |

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Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: 12/19/2019 Sampling Type: Soil

Project Name: RATTLESNAKE - BANDIT Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: SSW - 8 COMP 6' (H904224-29)

| BTEX 8021B | mg | /kg | Analyze | ed By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | ed By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 217 | 109 | 200 | 1.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 224 | 112 | 200 | 3.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.6 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.8 | % 37.6-14 | 7 | | | | | | |
| | | | | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 12/18/2019 Sampling Date: 12/18/2019

Reported: Sampling Type: Soil 12/19/2019

Project Name: **RATTLESNAKE - BANDIT** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: SSW - 9 COMP 6' (H904224-30)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.6 | 2.00 | 16.2 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.74 | 86.9 | 2.00 | 15.6 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.77 | 88.5 | 2.00 | 16.8 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 5.11 | 85.2 | 6.00 | 17.1 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/19/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/18/2019 | ND | 217 | 109 | 200 | 1.40 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 224 | 112 | 200 | 3.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.5 | % 41-142 | ! | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.9 | % 37.6-14 | 7 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

S-06



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

Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

| 3-00 | matrix interference's. |
|-------|---|
| 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. |
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| 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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Celeg D. Freene

Analysis Request of Chain of Custody Record Page 10 of Tetra Tech, Inc. 900 West Wall Street, Ste 100 TE Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 Client Name: Site Manager: EOG Clair Gonzales ANALYSIS REQUEST (Circle or Specify Method No.) Project Name: Rattlesnake to Bandit Project Location: Project #: Lea County, New Mexico (county, state) Invoice to: James Kennedy TPH 8015M (GRO - DRO - ORO - MRO) attached Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg Receiving Laboratory: Sampler Signature: Cardinal Lab Devin Dominguez Water Chemistry (see Comments: 8270C/625 TX1005 (Ext to C35) BTEX Anion/Cation Balance **PRESERVATIVE** SAMPLING Sulfate MATRIX H904224-8 Semi. Vol. METHOD # CONTAINERS PCB's 8082 / 608 PLM (Asbestos) **TCLP Volatiles** BTEX 8021B YEAR: 2019 LAB# SAMPLE IDENTIFICATION PAH 8270C Vol. TCLP Semi WATER Chloride General V LAB USE GC/MS GC/MS Chloride HNO3 None SOIL HCL ONLY CE 8 Bottomhole-91 Comp 7' 12/18/2019 X X 1 X X N X 02 Bottomhole-92 Comp 6' 12/18/2019 X X 1 N X X X 0 Bottomhole-93 Comp 6' 12/18/2019 X X N X X 04 Bottomhole-94 Comp 6' X X 12/18/2019 X N X 05 Bottomhole-95 Comp 6' X 12/18/2019 X 1 N X X 0 Bottomhole-96 Comp 6' X 12/18/2019 X N X X 07 Bottomhole-97 Comp 6' X 12/18/2019 X 1 N X X S Bottomhole-98 Comp 6' 12/18/2019 X X N X X 09 Bottomhole-99 Comp 6' X X 12/18/2019 X N X Bottomhole-100 Comp 6' X 12/18/2019 X N X Relinquished by: Time: Received by: REMARKS: to Imaging: 3/11/2024 LAB USE STANDARD 12-18-19 1335 ONLY elinquished by: Date: Time: Received by: X RUSH: Same Day 24 hr Sample Temperature 4.6c #97 Rush Charges Authorized Relinquished by: Date: Received by: Time: Date: Time: Special Report Limits or TRRP Report (Circle) HAND DELIVERED FEDEX UPS Tracking #: ORIGINAL COPY

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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: | CI | air Go | nzale | es | | | | 1 | | | | | | | | | | | IES" | | | | | | | |
|--------------------------------------|------------------------|--------------------|--------|--------|-------|------|-----------------|-----------|--------------|------------|------------|----------|-----------|-------------------------------------|-----------|---------------------|-----|------------------------|----------------------------|------------------|-------------------------|-------------|----------|---|-----------------------------------|---------|---|------------|
| Project Name: | Rattlesnake to Bandit | | | | | | | 147-114-0 | | 7 | ī | 1 1 | (Ci | rcl | e o | r S | pe | eci | fy | Me | the | od I | No. | .) | ī | ĒĖ | 1 | |
| Project Location: (county, state) | Lea County, New Mexico | Project#: | | | | | | | | - | | | | | | | | | | | | | 1 | | | | | |
| Invoice to: | James Kennedy | | | | | | | | 1201 | 7 | | MRO) | 100 | | | | | | | | | | | led list | | | | |
| Receiving Laboratory: | Cardinal Lab | Sampler Signature: | | Devir | n Dor | ming | uez | | | 1 | | ORO - MF | Se Ha | b Se H | | | | | | | | | | attacr | | | | |
| Comments: | 3 | | | | | | | | | 8260B | C35) | | Calcroh | TCLP Metals Aq As Ba Cd Cr Pb Se Hg | | | | 24 | GC/MS Semi. Vol. 8270C/625 | | | | TDS | General Water Chemistry (see attached list) | | | | |
| H901224 | | SAMPLING | N | IATRIX | | | RVATIVE THOD | | £ 8 | BTEX | (Ext to | 3RO- | PAH 8270C | Ag As Ba |) " | TCLP Semi Volatiles | | GC/MS Vol. 8260B / 624 | Vol. 82 | 808 | s) | | Sulfate | r Chem | Anion/Cation Balance TPH 8015R | | | |
| LAB# | SAMPLE IDENTIFICATION | YEAR: 2019 | - | | | | | | # CONTAINERS | 8021B | | 8015M (| 270C | Aetals / | /olatiles | semi Vo | | Vol. 8 | Semi. | PCB's 8082 / 608 | NUKIM PLM (Asbestos) | ø | le St | al Wate | J15R | | | |
| (LAB USE ONLY) | y . | DATE | WATER | SOIL | HCL | HNO3 | None | | # CON | BTEX 8021B | TPH T | TPH 8 | PAH 8270C | TCLP I | TCLP \ | TCLP 8 | RCI | GC/MS | GC/MS | PCB's | PLM (A | Chloride | Chloride | Genera | TPH 8 | | | Hold |
| (1 | Bottomhole-101 Comp 4' | 12/18/2019 | | X | | | X | | 1 N | \ \ \ \ | (| Х | | | | | | П | | | | Х | П | | | П | | |
| +2 | NSW-1 Comp 4' | 12/18/2019 | | X | | | X | | 1 N | \ \ | < | Х | | | | | | П | | T | | X | \sqcap | T | | \prod | | |
| 13 | NSW-2 Comp 1.5' | 12/18/2019 | T | X | | | X | | 1 N |) | < | Х | | | | | | П | | T | | X | | T | T | П | | \neg |
| 14 | NSW-3 Comp 1.5' | 12/18/2019 | | X | | | X | | 1 N |) | (| Х | | | | | | П | | | | Х | | T | | | | ٦ |
| 15 | NSW-4 Comp 1.5' | 12/18/2019 | \neg | X | | | X | | 1 N |) | < | Х | | | | | | П | | T | | X | | T | | П | | \neg |
| 16 | WSW-1 Comp 4' | 12/18/2019 | | X | | 3 | X | | 1 N |) | < | X | | | | П | | П | | \top | | X | | | T | П | | |
| 17 | WSW-2 Comp 12' | 12/18/2019 | | X | | | X | | 1 N |) | < | Х | | | | | | | | \top | T | Х | П | | | \prod | | \neg |
| 13 | WSW-3 Comp 12' | 12/18/2019 | | X | | | X | | 1 N |) | < | Х | | | | | | | | | | Х | | | | | | _ |
| 19 | WSW-4 Comp 8' | 12/18/2019 | | X | | | X | | 1 N |) | < | Х | | | | | | | | | | Х | | | | \prod | | - 4 |
| 20 | ESW-1 Comp 6' | 12/18/2019 | | X | | | X | | 1 N |) | < | Х | | | | | | | | | | Х | | | | | | .72 |
| Relinquished by: | Date: Time: 18/16/14 | Received by: | de | Ma | Date | 21 | Time: 2-/8 | 19 | 133 | 5 | | AB ON | USE | | | MAI | | ST | | IDA | | | | | | | | 2 1/201/ |
| Relinquished by: | Date: Time: | Received by: | | | Date | | Time: | | | S | ample 4 | Le Ten | npera | ure F9 | | | | | | | Day Auth | 24 orize | | / 48 h | ir 7 | 72 hr | | 2/11 |
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| Ga pa | | ORIGINAL COP | Y | | | | | | | ((| Circle |) HAI | ND D | ELIV | ERE | D F | EDE | EX | UPS | S T | Ггаскі | ng #: | | | | | | 100 |

Analysis Request of Chain of Custody Record

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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: | | Clair G | on | zale | s | | W-1807 | | | | | | 1 | | | LYS | | | | | | | | | | |
|--------------------------------------|------------------------|----------------|------|----------|-----|------|--------|---|--------|--------------|----------------|-------|---|-----------|-----------|-------------------------------------|---------------------|-------------------|------------|------------------|--------------|----------------|----------|---------------------------------|----------------------|-----------|--------|--------|
| Project Name: | Rattlesnake to Bandit | | | | - | | | | | | | 1 | ī | (C | irc | ele (| or : | Spe | ecit | fy I | Me | tho | d N | lo.) | 1 1 | 1 1 | 1 7 | |
| Project Location: (county, state) | Lea County, New Mexico | Project #: | | | | | | *************************************** | | | - | | | | | | | | | | | | | | | | | |
| Invoice to: | James Kennedy | | | | | | | | | | | | 30) | | 1 | 6 | | | | | | | | attached list) | | | | |
| Receiving Laboratory: | Cardinal Lab | Sampler Signat | ure: | Dev | /in | Dom | ingu | iez | | | | | 30 - M | | Se Hç | b Se H | | | | | | | | attach | | | - | |
| Comments: | | | | | | | | | | | | 8260B | TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) | | Cd Cr Pł | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | | | 124 | 8270C/625 | | | סתד | IDS listry (see | | | | |
| 4904224 | | SAMPL | ING | MATR | IX | PF | RESER | VATIVE HOD | | RS | (Z | BTE | (Ext to C | | g As Ba | ng As Ba | latiles | | m I | | 000 | (3) | 1 | Sulfate TDS ater Chemistry (| Anion/Cation Balance | | | |
| LAB# | SAMPLE IDENTIFICATION | YEAR: 2019 | | <u>س</u> | | | | П | | AINE | ED (Y | 8021B | TX1005 | 70C | etals A | etals A | emi Vo | | Vol. 8 | Semi. | - 1 | pestos | | Wate | ation 6 | 15R | | |
| (LAB USE ONLY) | | DATE | TIME | WATER | | HCL | ICE IS | None | | # CONTAINERS | FILTERED (Y/N) | | TPH TPH 28 | PAH 8270C | Fotal Me | ICLP M | TCLP Semi Volatiles | RCI | GC/MS Vol. | GC/MS Semi. Vol. | NORM | PLM (Asbestos) | Chloride | Chloride | Anion/C | TPH 8015R | | Hold |
| 21 | ESW-2 Comp 6' | 12/18/2019 | - | X | | | X | | _ | 1 | N | X | X | - | | | | | | | | 1 | X | 7 | | | + | |
| 22 | SSW-1 Comp 8' | 12/18/2019 | | X | | | X | | | 1 | Ν | X | X | | \forall | + | 1 | \forall | + | \dagger | + | +-+ | X | + | | \top | + | \neg |
| 2.3 | SSW-2 Comp 8' | 12/18/2019 | | X | | | X | | | 1 | Ν | X | × | _ | | | | $\dagger \dagger$ | \top | † | \dagger | - | X | + | | \vdash | \top | |
| 24 | SSW-3 Comp 8' | 12/18/2019 | | X | | | X | | | 1 | Ν | X | X | - | | | | \Box | 1 | \dagger | † | - | X | + | H | | + | \neg |
| 25 | SSW-4 Comp 7' | 12/18/2019 | | X | | | X | | | 1 | Ν | X | X | - | \dashv | | | T | 1 | 1 | † | - | X | + | T | | | \neg |
| 26 | SSW-5 Comp 7' | 12/18/2019 | | X | | | X | | | 1 | N | X | X | - | 1 | | | | T | 1 | \top | - | X | + | \forall | \top | + | |
| 27 | SSW-6 Comp 7' | 12/18/2019 | | X | | | X | | | 1 | Ν | X | X | - | | T | | | T | \dagger | + | \vdash | X | + | $\dagger \dagger$ | \top | | \neg |
| 23 | SSW-7 Comp 6' | 12/18/2019 | | X | | | X | | | 1 | Ν | X | X | | | T | \top | | 1 | + | \top | - | X | + | \forall | \top | 1 | _ |
| 29 | SSW-8 Comp 6' | 12/18/2019 | | X | | | X | | \top | 1 | Ν | X | X | - | \exists | | | \Box | \dagger | - | † | 1 | X | \top | \Box | + | + | |
| 30 | SSW-9 Comp 6' | 12/18/2019 | | X | | | X | | | 1 | Ν | X | X | | | | | | 1 | \dagger | † | + | X | + | H | \top | | _ |
| Relinquished by: | Date: Time: 18/18/19 | | aras | Mala | 1 | ate: | 16 | me: 0-/8 - | -19 | 13 | 339 | | LAE | US | | R | | - | STA | | DAR | | | | | | | |
| Relinquished by: | Date: Time: | Received by: | | | | ale: | Ti | me: | | | | Sam | ple Te | mper | ature | 37 | | Rus | | | | 6 | 24 h | | 8 hr | 721 | nr | |
| Relinquished by: | Date: Time: | Received by: | | | D | ate: | Ti | me: | | | | Co | | .0 | | d | _ | - | | | | | | | Rep | ort | | |
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Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2339-1

Laboratory Sample Delivery Group: Lea County, New Mexico Client Project/Site: EOG - Rattle Snake To Bandit

Revision: 1

For:

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

Attn: Clair Gonzales

MAMER

Authorized for release by: 6/3/2021 9:50:03 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....LINKS

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 3/11/2024 3:23:55 PM

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.

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Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit Laboratory Job ID: 880-2339-1 SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit

SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier **Qualifier Description**

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

GC Semi VOA

Qualifier **Qualifier Description**

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

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid **CFU** Colony Forming Unit **CNF** Contains No Free Liquid

Duplicate Error Ratio (normalized absolute difference) **DER**

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DL

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) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RI 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.

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Job ID: 880-2339-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-2339-1

Comments

No additional comments.

Receipt

The samples were received on 5/20/2021 4:11 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 was 4.4° C.

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

GC Semi VOA

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-3367 recovered above the upper control limit for Diesel Range Organics (Over C10-C28) The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-3367/19), (CCV 880-3367/3), (CCV 880-3367/30), (CCV 880-3367/46) and (CCV 880-3367/58).

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

General Chemistry

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

Organic Prep

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

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

Client: Tetra Tech, Inc.

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

SDG: Lea County, New Mexico

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

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

Lab Sample ID: 880-2339-1

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| Ethylbenzene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| o-Xylene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 12:50 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac <49.9 U 49.9 05/21/21 08:42 05/22/21 16:49 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 49.9 05/21/21 08:42 05/22/21 16:49 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) 49.9 05/21/21 08:42 05/22/21 16:49 <49.9 U mg/Kg Total TPH <49.9 U 05/21/21 08:42 05/22/21 16:49 49.9 mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 120 70 - 130 05/21/21 08:42 05/22/21 16:49 117 70 - 130 05/21/21 08:42 05/22/21 16:49 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL **MDL** Unit D Prepared Analyzed Dil Fac Chloride <4.99 U 4.99 05/23/21 17:38 mg/Kg

Client Sample ID: H-2 (0'-6") Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 13:11 | 1 |

Lab Sample ID: 880-2339-2

Matrix: Solid

Client: Tetra Tech, Inc.

Job ID: 880-2339-1

SDG: Lea County, New Mexico

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

Project/Site: EOG - Rattle Snake To Bandit

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

Lab Sample ID: 880-2339-2

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 17:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 17:52 | 1 |
| Oll Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 17:52 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 17:52 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 17:52 | 1 |
| o-Terphenyl | 107 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 17:52 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RLMDL Unit Prepared **Analyzed** Dil Fac <5.04 U Chloride 5.04 mg/Kg 05/23/21 17:54

Client Sample ID: H-3 (0'-6") Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

Lab Sample ID: 880-2339-3 **Matrix: Solid**

| Method: 8021B - Volatile | e Organic Compo | unds (GC) | | | | | | | |
|--------------------------|-----------------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:31 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:31 | 1 |
| Ethylbenzene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:31 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:31 | 1 |
| o-Xylene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:31 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:31 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:31 | 1 |
| Surrogate | %Recovery | Qualifier | l imits | | | | Prenared | Analyzed | Dil Fac |

| Surrogate | %Recovery | Qualifier | Limits | Prepared Analy | zed Dil Fac |
|-----------------------------|-----------|-----------|----------|-------------------------|-------------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | 05/21/21 08:33 05/21/21 | 13:31 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 05/21/21 08:33 05/21/21 | 13:31 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 | | 05/21/21 08:42 | 05/22/21 18:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:13 | 1 |
| Oll Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:13 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 114 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 18:13 | 1 |
| o-Terphenyl | 113 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 18:13 | 1 |

| Method: 300.0 - Anions, Ion Chromatography - Soluble | | | | | | | | | |
|--|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <5.02 | U | 5.02 | | mg/Kg | | | 05/23/21 17:59 | 1 |

Eurofins Xenco, Midland

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

Project/Site: EOG - Rattle Snake To Bandit

SDG: Lea County, New Mexico

Lab Sample ID: 880-2339-4

Matrix: Solid

Job ID: 880-2339-1

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11 Sample Depth: 0 - 6

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| o-Xylene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 13:51 | 1 |

| Method: 8015B NM - Diesel R | ange Organ | ics (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 | | 05/21/21 08:42 | 05/22/21 18:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:34 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:34 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:34 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 114 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 18:34 | 1 |
| o-Terphenyl | 113 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 18:34 | 1 |

| Method: 300.0 - Anions, Ion C | hromatogra | phy - Solu | ble | | | | | | |
|-------------------------------|------------|------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <4.98 | U | 4.98 | | mg/Kg | | | 05/23/21 18:04 | 1 |

Client Sample ID: H-5 (0'-6") Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 14:12 | 1 |

Lab Sample ID: 880-2339-5

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

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

Lab Sample ID: 880-2339-5 Date Collected: 05/19/21 00:00 **Matrix: Solid**

Sample Depth: 0 - 6

Date Received: 05/20/21 16:11

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:55 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:55 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 18:55 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 117 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 18:55 | 1 |
| o-Terphenyl | 117 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 18:55 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride <4.95 U 4.95 mg/Kg 05/23/21 18:09

Client Sample ID: H-6 (0'-6") Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

1,4-Difluorobenzene (Surr)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:32 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:32 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:32 | 1 |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 14:32 | |

70 - 130

100

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:16 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:16 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 110 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 19:16 | |
| o-Terphenyl | 110 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 19:16 | 1 |

| Method: 300.0 - Anions, Ion Ch | romatogra | phy - Solu | ble | | | | | | |
|--------------------------------|-----------|------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <5.05 | U | 5.05 | | mg/Kg | | | 05/23/21 18:25 | 1 |

Eurofins Xenco, Midland

Lab Sample ID: 880-2339-6

05/21/21 08:33 05/21/21 14:32

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: H-7 (0'-6") Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

Lab Sample ID: 880-2339-7

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 14:53 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 05/21/21 08:42 05/22/21 19:37 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 05/21/21 08:42 05/22/21 19:37 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) 50.0 mg/Kg 05/21/21 08:42 05/22/21 19:37 <50.0 U Total TPH <50.0 U 50.0 05/21/21 08:42 05/22/21 19:37 mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 121 70 - 130 05/21/21 08:42 05/22/21 19:37 121 70 - 130 05/21/21 08:42 05/22/21 19:37 o-Terphenyl

| Method: 300.0 - Anions, Ion C | hromatogra | phy - Solu | ble | | | | | | |
|-------------------------------|------------|------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <4.98 | U | 4.98 | | mg/Kg | | | 05/23/21 18:30 | 1 |

Client Sample ID: H-8 (0'-6") Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| Xylenes, Total | < 0.00403 | U | 0.00403 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 15:13 | 1 |

Lab Sample ID: 880-2339-8

Matrix: Solid

Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

SDG: Lea County, New Mexico

Client Sample ID: H-8 (0'-6")

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 6

Lab Sample ID: 880-2339-8

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:58 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:58 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 19:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 120 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 19:58 | 1 |
| o-Terphenyl | 119 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 19:58 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride 5.63 4.97 mg/Kg 05/23/21 18:35

Client Sample ID: AH-4 (0'-1') Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 1

Lab Sample ID: 880-2339-9 **Matrix: Solid**

| Method: 8021B - Volatile | 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 | | 05/21/21 08:33 | 05/21/21 15:33 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:33 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:33 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:33 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:33 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:33 | 1 |
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:33 | 1 |

| Surrogate | %Recovery | Qualifier L | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 86 | 7 | 70 - 130 | 05/21/21 08:33 | 05/21/21 15:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | 7 | 70 - 130 | 05/21/21 08:33 | 05/21/21 15:33 | 1 |

| Method: 8015B NM - Diesel R | Range Organi | ics (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 | | 05/21/21 08:42 | 05/22/21 20:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 20:19 | 1 |

| Total TPH | <49.9 | U | 49.9 | mg/Kg | 05/21/21 08:42 | 05/22/21 20:19 | |
|-----------------------------------|-------|---|------|-------|----------------|----------------|--|
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | mg/Kg | 05/21/21 08:42 | 05/22/21 20:19 | |
| C10-C28) | | | | | | | |

| Surrogate | %Recovery (| Qualifier Limits | Prepared | Analyzed | Dil Fac |
|----------------|-------------|------------------|----------------|----------------|---------|
| 1-Chlorooctane | 117 | 70 - 130 | 05/21/21 08:42 | 05/22/21 20:19 | 1 |
| o-Terphenyl | 115 | 70 - 130 | 05/21/21 08:42 | 05/22/21 20:19 | 1 |

| Method: 300.0 - Anions, Ion Cl | hromatogra | phy - Solul | ole | | | | | | |
|--------------------------------|------------|-------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 21.1 | | 4.95 | | mg/Kg | | | 05/23/21 18:40 | 1 |

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-4 (1'-1 5')

Sample Depth: 1 - 1.5

| Client Sample ID: AH-4 (1'-1.5') | Lab Sample ID: 880-2339-10 |
|----------------------------------|----------------------------|
| Date Collected: 05/19/21 00:00 | Matrix: Solid |
| Date Received: 05/20/21 16:11 | |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| Xylenes, Total | < 0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 15:54 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 15:54 | 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 | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 20:40 | 1 | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 20:40 | 1 | |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 20:40 | 1 | |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 20:40 | 1 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac | |
| 1-Chlorooctane | 137 | S1+ | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 20:40 | 1 | |
| o-Terphenyl | 137 | S1+ | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 20:40 | 1 | |

| Method: 300.0 - Anions, Ion Cl | hromatogra | phy - Solul | ble | | | | | | |
|--------------------------------|------------|-------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 28.7 | | 5.00 | | mg/Kg | | | 05/23/21 18:46 | 1 |

Client Sample ID: AH-4 (2'-2.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| o-Xylene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 87 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 17:16 | 1 |

Eurofins Xenco, Midland

Lab Sample ID: 880-2339-11

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1 SDG: Lea County New Mexico

SDG: Lea County, New Mexico

Client Sample ID: AH-4 (2'-2.5')

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-11

Lab Sample ID: 880-2339-12

Matrix: Solid

Matrix: Solid

Sample Depth: 2 - 2.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:22 | 1 |
| Oll Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:22 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:22 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 120 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 21:22 | 1 |
| o-Terphenyl | 117 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 21:22 | 1 |

Method: 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacChloride19.44.96mg/Kg05/23/21 18:511

Client Sample ID: AH-4 (3'-3.5')

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

Sample Depth: 3 - 3.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 17:36 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:43 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:43 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 21:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 121 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 21:43 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 21:43 | 1 |

| Method: 300.0 - Anions, Ion Cl | hromatogra | phy - Solu | ble | | | | | | |
|--------------------------------|------------|------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 38.6 | | 5.04 | | mg/Kg | | | 05/23/21 19:06 | 1 |

Matrix: Solid

Lab Sample ID: 880-2339-13

Client: Tetra Tech, Inc.

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-4 (4'-4.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 4 - 4.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| Xylenes, Total | < 0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 17:57 | 1 |

| Method: 8015B NM - Diesel R | ange Organ | ics (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 | | 05/21/21 08:42 | 05/22/21 22:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:04 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:04 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:04 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 119 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 22:04 | 1 |
| o-Terphenyl | 116 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 22:04 | 1 |

| Method: 300.0 - Anions, Ion Ch | romatography - | Soluble | | | | | |
|--------------------------------|----------------|---------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifi | ier RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 77.6 | 5.03 | mg/Kg | | | 05/23/21 19:11 | 1 |

Client Sample ID: AH-4 (4.5'-5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 4.5 - 5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| o-Xylene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 18:17 | 1 |

Client: Tetra Tech, Inc. Job ID: 880-2339-1

Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-4 (4.5'-5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 4.5 - 5

Lab Sample ID: 880-2339-14

Lab Sample ID: 880-2339-15

05/21/21 08:33 05/21/21 18:38

Matrix: Solid

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:25 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:25 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 121 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 22:25 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 22:25 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride 141 5.05 mg/Kg 05/23/21 19:27

Client Sample ID: AH-5 (0'-1') Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 0 - 1

1,4-Difluorobenzene (Surr)

97

| Method: 8021B - Volatile O | rganic Compo | unds (GC) | | | | | | | |
|-----------------------------|--------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |
| Ethylbenzene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |
| o-Xylene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |
| Xylenes, Total | < 0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 18:38 | 1 |

70 - 130

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:45 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:45 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 22:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 131 | S1+ | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 22:45 | 1 |
| o-Terphenyl | 131 | S1+ | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 22:45 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac <5.05 U Chloride 5.05 05/23/21 19:32 mg/Kg

Eurofins Xenco, Midland

6/3/2021 (Rev. 1)

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-5 (1'-1.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 1 - 1.5

| Lab | Sample | ID: | 880-2339-16 |
|-----|--------|-----|----------------|
| | | | Market Control |

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| Xylenes, Total | < 0.00396 | U | 0.00396 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 18:58 | 1 |

| Method: 8015B NM - Diesel R | ange Organ | ics (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 | | 05/21/21 08:42 | 05/22/21 23:06 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:06 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:06 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:06 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 114 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 23:06 | 1 |
| o-Terphenyl | 112 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 23:06 | 1 |

| Method: 300.0 - Anions, Ion C | hromatogra | phy - Solu | ble | | | | | | |
|-------------------------------|------------|------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 05/23/21 19:37 | 1 |

Client Sample ID: AH-5 (2'-2.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Denth: 2 - 2 5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 19:18 | 1 |

Lab Sample ID: 880-2339-17

Matrix: Solid

Matrix: Solid

Lab Sample ID: 880-2339-17

Lab Sample ID: 880-2339-18

Client: Tetra Tech, Inc.

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-5 (2'-2.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:27 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:27 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 122 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 23:27 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 23:27 | 1 |

| Method: 300.0 - Anions, Ion Ch | romatogra | phy - Solub | ole | | | | | | |
|--------------------------------|-----------|-------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <4.98 | U | 4.98 | | mg/Kg | | | 05/23/21 19:42 | 1 |

Client Sample ID: AH-6 (0'-1') Date Collected: 05/19/21 00:00 Data Pacaiyad: 05/20/21 16:11

| Date Received. 0 | 0/20/21 10.11 |
|------------------|-------------------------------|
| Sample Depth: 0 | - 1 |
| Mothod: 9024B | Volatila Organia Compounda (C |

| Method: 8021B - Volatile Analyte | • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|-----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Resuit | Qualifier | - KL | MDL | UIIIL | | Frepareu | Allalyzeu | DII Fac |
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:39 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:39 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:39 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:39 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:39 | 1 |
| Xylenes, Total | < 0.00397 | U | 0.00397 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:39 | 1 |
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| | | | | | | | | | |

| Surrogate | %Recovery | Qualifier | Limits | Prepared Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----------------------------|----------|
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 | 05/21/21 08:33 05/21/21 19: | <u> </u> |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 05/21/21 08:33 05/21/21 19: | 19 1 |

| Method: 8015B NM - Diesel R Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:48 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:48 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 23:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 123 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 23:48 | 1 |
| o-Terphenyl | 122 | | 70 - 130 | | | | 05/21/21 08:42 | 05/22/21 23:48 | 1 |

| Method: 300.0 - Anions, Ion Ch | ıromatogra | ohy - Solu | ble | | | | | | |
|------------------------------------|------------|------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 38.6 | | 4.97 | | mg/Kg | | | 05/23/21 19:48 | 1 |

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1 SDG: Lea County, New Mexico

Client Sample ID: AH-6 (1'-1.5')

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-19

Matrix: Solid

Sample Depth: 1 - 1.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 19:59 | 1 |

| Method: 8015B NM - Diesel R | ange Organ | ics (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 | | 05/21/21 08:42 | 05/23/21 00:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/23/21 00:09 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/23/21 00:09 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 08:42 | 05/23/21 00:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 119 | - | 70 - 130 | | | | 05/21/21 08:42 | 05/23/21 00:09 | 1 |
| o-Terphenyl | 117 | | 70 - 130 | | | | 05/21/21 08:42 | 05/23/21 00:09 | 1 |

| Method: 300.0 - Anions, Ion Ch | romatography | - Soluble | | | | | | |
|--------------------------------|--------------|-----------|-----|-------|---|----------|----------------|---------|
| Analyte | Result Qual | ifier RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 184 | 4.95 | | mg/Kg | | | 05/23/21 19:53 | 1 |

Client Sample ID: AH-6 (2'-2.5') Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 | | | | 05/21/21 08:33 | 05/21/21 20:20 | 1 |

Lab Sample ID: 880-2339-20

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-6 (2'-2.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

Lab Sample ID: 880-2339-20

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac <50.0 U 50.0 05/21/21 08:42 05/23/21 00:30 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 05/21/21 08:42 05/23/21 00:30 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 05/21/21 08:42 05/23/21 00:30 Total TPH <50.0 U 50.0 mg/Kg 05/21/21 08:42 05/23/21 00:30

%Recovery Qualifier Dil Fac Surrogate Limits Prepared Analyzed 1-Chlorooctane 123 70 - 130 05/21/21 08:42 05/23/21 00:30 o-Terphenyl 119 70 - 130 05/21/21 08:42 05/23/21 00:30

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Chloride 588 5.00 mg/Kg 05/23/21 19:58

Client Sample ID: AH-1 (0'-1') Lab Sample ID: 880-2339-21 Date Collected: 05/20/21 00:00 **Matrix: Solid**

Date Received: 05/20/21 16:11

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit D Analyzed Prepared Dil Fac Benzene <0.00199 U 0.00199 05/21/21 08:40 05/21/21 12:59 mg/Kg Toluene <0.00199 U 0.00199 mg/Kg 05/21/21 08:40 05/21/21 12:59 Ethylbenzene <0.00199 U 0.00199 mg/Kg 05/21/21 08:40 05/21/21 12:59 05/21/21 08:40 05/21/21 12:59 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg o-Xylene <0.00199 U 0.00199 mg/Kg 05/21/21 08:40 05/21/21 12:59 Xvlenes. Total <0.00398 U 0.00398 mg/Kg 05/21/21 08:40 05/21/21 12:59 Total BTEX <0.00398 U 0.00398 mg/Kg 05/21/21 08:40 05/21/21 12:59 %Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac

4-Bromofluorobenzene (Surr) 87 70 - 130 05/21/21 08:40 05/21/21 12:59 1,4-Difluorobenzene (Surr) 121 70 - 130 05/21/21 08:40 05/21/21 12:59

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

235 S1+

| Analyte | Result | Qualifier | KL | MDL | Unit | ט | Prepared | Analyzed | DII Fac |
|---|------------------|------------------|-----------------|-----|-------|----------|--------------------------------|-------------------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | <u> </u> | 05/21/21 09:00 | 05/23/21 02:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 02:14 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 02:14 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 02:14 | 1 |
| Surrogate 1-Chlorooctane | %Recovery 235 | Qualifier S1+ | Limits 70 - 130 | | | | Prepared 05/21/21 09:00 | Analyzed 05/23/21 02:14 | Dil Fac |

| Method: 300.0 - Anions, Ion Cl | ıble | | | | | | |
|--------------------------------|------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 22.4 | 4.95 | mg/Kg | | | 05/24/21 22:10 | 1 |

70 - 130

Eurofins Xenco, Midland

05/21/21 09:00 05/23/21 02:14

o-Terphenyl

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-1 (1'-1.5') Lab Sample ID: 880-2339-22 Matrix: Solid

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 1 - 1.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| Xylenes, Total | < 0.00399 | U | 0.00399 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |
| 1,4-Difluorobenzene (Surr) | 120 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 13:20 | 1 |

| Method: 8015B NM - Diesel R | ange Organ | ics (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 | | 05/21/21 09:00 | 05/23/21 03:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:17 | 1 |
| Oll Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:17 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:17 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 230 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 03:17 | 1 |
| o-Terphenyl | 228 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 03:17 | 1 |

| Method: 300.0 - Anions, Ion Chromatography - Soluble | | | | | | | | | |
|--|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 67.6 | | 4.95 | | mg/Kg | | | 05/24/21 22:15 | 1 |

Client Sample ID: AH-1 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| Xylenes, Total | < 0.00399 | U | 0.00399 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |
| 1,4-Difluorobenzene (Surr) | 125 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 13:41 | 1 |

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Lab Sample ID: 880-2339-23

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit

SDG: Lea County, New Mexico

Client Sample ID: AH-1 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

Lab Sample ID: 880-2339-23

Lab Sample ID: 880-2339-24

Matrix: Solid

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:37 | 1 |
| Oll Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:37 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 239 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 03:37 | 1 |
| o-Terphenyl | 237 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 03:37 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac Chloride 633 5.05 mg/Kg 05/24/21 22:31

Client Sample ID: AH-2 (0'-1') Date Collected: 05/20/21 00:00

Date Received: 05/20/21 16:11

Sample Depth: 0 - 1

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| Xylenes, Total | < 0.00396 | U | 0.00396 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 125 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 14:02 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:58 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:58 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 03:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 227 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 03:58 | 1 |
| o-Terphenyl | 224 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 03:58 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed 5.04 05/24/21 22:36 **Chloride** 10.6 mg/Kg

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-2 (1'-1.5')

Da Date Received: 05/20/21 16:11

Sample Depth: 1 - 1.5

| Client Sample ID: AH-2 (1'-1.5') | Lab Sample ID: 880-2339-25 |
|---|----------------------------|
| Date Collected: 05/20/21 00:00 | Matrix: Solid |
| No. 1 - December 21 - 21 - 05/00/04 40 44 | |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |
| 1,4-Difluorobenzene (Surr) | 125 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 14:22 | 1 |

| Method: 8015B NM - Diesel R | ange Organ | ics (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 | | 05/21/21 09:00 | 05/23/21 04:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 04:20 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 04:20 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 04:20 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 227 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 04:20 | 1 |
| o-Terphenyl | 218 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 04:20 | 1 |

| Method: 300.0 - Anions, Ion Ch | nromatogra | phy - Solul | ble | | | | | |
|--------------------------------|------------|-------------|------|----------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <5.02 | U | 5.02 | mg/Kg | | | 05/24/21 22:51 | 1 |

Lab Sample ID: 880-2339-26 Client Sample ID: AH-2 (2'-2.5') Date Collected: 05/20/21 00:00 Matrix: Solid

Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |
| 1,4-Difluorobenzene (Surr) | 124 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 14:43 | 1 |

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit

SDG: Lea County, New Mexico

Client Sample ID: AH-2 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

Lab Sample ID: 880-2339-26

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 04:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 04:41 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 04:41 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 04:41 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 231 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 04:41 | 1 |
| o-Terphenyl | 226 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 04:41 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac <4.95 U Chloride 4.95 mg/Kg 05/24/21 22:57

Client Sample ID: AH-3 (0'-1') Date Collected: 05/20/21 00:00

Date Received: 05/20/21 16:11

Sample Depth: 0 - 1

Lab Sample ID: 880-2339-27

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

| Method. OUZ ID - Volatile | Organic Compo | | | | | | | | |
|---------------------------|---------------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:04 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:04 | 1 |
| Ethylbenzene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:04 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:04 | 1 |
| o-Xylene | < 0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:04 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:04 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:04 | 1 |
| | | | | | | | | | |

| Surrogate | %Recovery | Qualifier | Limits | Prepared Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------------------------------|---------|
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | 05/21/21 08:40 05/21/21 15:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 123 | | 70 - 130 | 05/21/21 08:40 05/21/21 15:04 | 1 |

| Method: 801 | 5B NM - Diesel Range | Organics (DRO) (GC) |
|-------------|----------------------|---------------------|
| Analyto | | Posult Qualifier |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:02 | 1 |
| (GRO)-C6-C10 Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:02 | 1 |
| C10-C28) Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:02 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:02 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 230 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 05:02 | 1 |

| Method: 300.0 - Anions, Ion Ch | romatography - Solu | ıble | | | | | |
|--------------------------------|---------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <4.99 U | 4.99 | mg/Kg | | | 05/24/21 23:02 | 1 |

70 - 130

228 S1+

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05/21/21 09:00 05/23/21 05:02

o-Terphenyl

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-3 (1'-1.5') Lab Sample ID: 880-2339-28 **Matrix: Solid**

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 1 - 1.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 137 | S1+ | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 15:25 | 1 |

| Method: 8015B NM - Diesel R | ange Organ | ics (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 | | 05/21/21 09:00 | 05/23/21 05:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:22 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:22 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:22 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 241 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 05:22 | 1 |
| o-Terphenyl | 238 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 05:22 | 1 |

| Method: 300.0 - Anions, Ion C | hromatogra | phy - Solu | ble | | | | | | |
|-------------------------------|------------|------------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 05/24/21 23:07 | 1 |

Client Sample ID: AH-3 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | 0.00255 | | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 118 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 15:45 | 1 |

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Lab Sample ID: 880-2339-29 **Matrix: Solid** Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-3 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 2 - 2.5

Lab Sample ID: 880-2339-29

Lab Sample ID: 880-2339-30

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:43 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:43 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 05:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 236 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 05:43 | 1 |
| o-Terphenyl | 232 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 05:43 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RLMDL Unit Prepared Analyzed Dil Fac Chloride <4.96 U 4.96 mg/Kg 05/24/21 23:12

Client Sample ID: AH-3 (2'-2.5')

Date Collected: 05/20/21 00:00

Date Received: 05/20/21 16:11

Sample Depth: 3 - 3.5

Surrogate

Chloride

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|----------------|-----------|----------|-----|--------|---|----------------------------------|----------------------------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| Toluene | < 0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| o-Xylene | < 0.00201 | U | 0.00201 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 125 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 16:06 | 1 |
| Method: 8015B NM - Diesel R | ange Organ | ics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | | 11 | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 06:04 | 1 |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/rtg | | | | |
| | <50.0 <50.0 | | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 06:04 | 1 |
| Diesel Range Organics (Over | | U | | | | | 05/21/21 09:00 05/21/21 09:00 | 05/23/21 06:04 05/23/21 06:04 | 1 |

| | lethod: 300.0 - Anions, Ion | | lyzed Dil Fac |
|--|-----------------------------|---------------------------------|---------------|
| 70=100 | -Terphenyl | 70 - 130 05/21/21 09:00 05/23/2 | ?1 06:04 |
| 1-Chlorooctane 228 S1+ 70 - 130 05/21/21 09:00 | -Chlorooctane | 70 - 130 05/21/21 09:00 05/23/2 | 21 06:04 1 |

5.04

mg/Kg

Limits

%Recovery Qualifier

41.9

Eurofins Xenco, Midland

Analyzed

05/24/21 23:17

Prepared

Dil Fac

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-3 (4'-4.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Sample Depth: 4 - 4.5

| Lab | Sample | ID: | 880 | -23 | 39 | -3 | 1 |
|-----|--------|-----|-----|-----|----|----|---|
| | | | | | _ | | |

V

| /latrix: | Solid |
|----------|-------|
| | |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | 0.00199 | | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |
| 1,4-Difluorobenzene (Surr) | 130 | | 70 - 130 | | | | 05/21/21 08:40 | 05/21/21 17:29 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 06:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 06:46 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 06:46 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 06:46 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 232 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 06:46 | 1 |
| o-Terphenyl | 226 | S1+ | 70 - 130 | | | | 05/21/21 09:00 | 05/23/21 06:46 | 1 |

| Method: 300.0 - Anions, Ion | Chromatography - Solub | le | | | | | |
|-----------------------------|------------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 279 | 5.03 | mg/Kg | | | 05/24/21 23:22 | 1 |

Surrogate Summary

Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit Job ID: 880-2339-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

| | | | Percen | t Surrogate Recovery (Acceptance Limits) |
|-------------------|------------------------|----------|----------|--|
| | | BFB1 | DFBZ1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 380-2339-1 | H-1 (0'-6") | 92 | 98 | |
| 380-2339-1 MS | H-1 (0'-6") | 109 | 104 | |
| 380-2339-1 MSD | H-1 (0'-6") | 112 | 106 | |
| 380-2339-2 | H-2 (0'-6") | 94 | 100 | |
| 380-2339-3 | H-3 (0'-6") | 96 | 97 | |
| 380-2339-4 | H-4 (0'-6") | 95 | 97 | |
| 380-2339-5 | H-5 (0'-6") | 98 | 93 | |
| 380-2339-6 | H-6 (0'-6") | 92 | 100 | |
| 380-2339-7 | H-7 (0'-6") | 89 | 98 | |
| 880-2339-8 | H-8 (0'-6") | 91 | 96 | |
| 380-2339-9 | AH-4 (0'-1') | 86 | 98 | |
| 380-2339-10 | AH-4 (1'-1.5') | 95 | 99 | |
| 380-2339-11 | AH-4 (2'-2.5') | 87 | 96 | |
| 380-2339-12 | AH-4 (3'-3.5') | 97 | 98 | |
| 380-2339-13 | AH-4 (4'-4.5') | 86 | 99 | |
| 380-2339-14 | AH-4 (4.5'-5') | 92 | 97 | |
| 80-2339-15 | AH-5 (0'-1') | 96 | 97 | |
| 880-2339-16 | AH-5 (1'-1.5') | 95 | 97 | |
| 880-2339-17 | AH-5 (2'-2.5') | 88 | 99 | |
| 380-2339-18 | AH-6 (0'-1') | 94 | 95 | |
| 80-2339-19 | AH-6 (1'-1.5') | 95 | 97 | |
| 380-2339-20 | AH-6 (2'-2.5') | 97 | 90 | |
| 880-2339-21 | AH-1 (0'-1') | 87 | 121 | |
| 380-2339-21 MS | AH-1 (0'-1') | 90 | 110 | |
| 880-2339-21 MSD | AH-1 (0'-1') | 92 | 120 | |
| 380-2339-22 | AH-1 (1'-1.5') | 96 | 120 | |
| 380-2339-23 | AH-1 (2'-2.5') | 96 | 125 | |
| 380-2339-24 | AH-2 (0'-1') | 96 | 125 | |
| 880-2339-25 | AH-2 (1'-1.5') | 95 | 125 | |
| 380-2339-26 | AH-2 (2'-2.5') | 96 | 124 | |
| 880-2339-27 | AH-3 (0'-1') | 99 | 123 | |
| 380-2339-28 | AH-3 (1'-1.5') | 110 | 137 S1+ | |
| 880-2339-29 | AH-3 (2'-2.5') | 96 | 118 | |
| 380-2339-30 | AH-3 (2'-2.5') | 102 | 125 | |
| 380-2339-31 | AH-3 (4'-4.5') | 98 | 130 | |
| .CS 880-3312/1-A | Lab Control Sample | 112 | 108 | |
| .CS 880-3314/1-A | Lab Control Sample | 88 | 123 | |
| .CSD 880-3312/2-A | Lab Control Sample Dup | 105 | 106 | |
| .CSD 880-3314/2-A | Lab Control Sample Dup | 95 | 127 | |
| MB 880-3312/5-A | Method Blank | 90 | 95 | |
| MB 880-3314/5-A | Method Blank | 105 | 114 | |
| 14/J-A | MEHIOU DIAHK | 100 | 114 | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Job ID: 880-2339-1 Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

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) | | | | |
| 880-2339-1 | H-1 (0'-6") | 120 | 117 | | | | |
| 380-2339-1 MS | H-1 (0'-6") | 116 | 97 | | | | |
| 380-2339-1 MSD | H-1 (0'-6") | 102 | 87 | | | | |
| 880-2339-2 | H-2 (0'-6") | 109 | 107 | | | | |
| 880-2339-3 | H-3 (0'-6") | 114 | 113 | | | | |
| 880-2339-4 | H-4 (0'-6") | 114 | 113 | | | | |
| 880-2339-5 | H-5 (0'-6") | 117 | 117 | | | | |
| 880-2339-6 | H-6 (0'-6") | 110 | 110 | | | | |
| 880-2339-7 | H-7 (0'-6") | 121 | 121 | | | | |
| 880-2339-8 | H-8 (0'-6") | 120 | 119 | | | | |
| 880-2339-9 | AH-4 (0'-1') | 117 | 115 | | | | |
| 880-2339-10 | AH-4 (1'-1.5') | 137 S1+ | 137 S1+ | | | | |
| 880-2339-11 | AH-4 (2'-2.5') | 120 | 117 | | | | |
| 880-2339-12 | AH-4 (3'-3.5') | 121 | 115 | | | | |
| 880-2339-13 | AH-4 (4'-4.5') | 119 | 116 | | | | |
| 880-2339-14 | AH-4 (4.5'-5') | 121 | 115 | | | | |
| 880-2339-15 | AH-5 (0'-1') | 131 S1+ | 131 S1+ | | | | |
| 880-2339-16 | AH-5 (1'-1.5') | 114 | 112 | | | | |
| 880-2339-17 | AH-5 (2'-2.5') | 122 | 115 | | | | |
| 880-2339-18 | AH-6 (0'-1') | 123 | 122 | | | | |
| 880-2339-19 | AH-6 (1'-1.5') | 119 | 117 | | | | |
| 880-2339-20 | AH-6 (2'-2.5') | 123 | 119 | | | | |
| 880-2339-21 | AH-1 (0'-1') | 235 S1+ | 235 S1+ | | | | |
| 880-2339-21 MS | AH-1 (0'-1') | 222 S1+ | 213 S1+ | | | | |
| 880-2339-21 MSD | AH-1 (0'-1') | 212 S1+ | 197 S1+ | | | | |
| 880-2339-22 | AH-1 (1'-1.5') | 230 S1+ | 228 S1+ | | | | |
| 380-2339-23 | AH-1 (2'-2.5') | 239 S1+ | 237 S1+ | | | | |
| 880-2339-24 | AH-2 (0'-1') | 227 S1+ | 224 S1+ | | | | |
| 380-2339-25 | AH-2 (1'-1.5') | 227 S1+ | 218 S1+ | | | | |
| 380-2339-26 | AH-2 (2'-2.5') | 231 S1+ | 226 S1+ | | | | |
| 380-2339-27 | AH-3 (0'-1') | 230 S1+ | 228 S1+ | | | | |
| 880-2339-28 | AH-3 (1'-1.5') | 241 S1+ | 238 S1+ | | | | |
| 880-2339-29 | AH-3 (2'-2.5') | 236 S1+ | 232 S1+ | | | | |
| 880-2339-30 | AH-3 (2'-2.5') | 228 S1+ | 226 S1+ | | | | |
| 880-2339-31 | AH-3 (4'-4.5') | 232 S1+ | 226 S1+ | | | | |
| LCS 880-3315/2-A | Lab Control Sample | 114 | 106 | | | | |
| _CS 880-3319/2-A | Lab Control Sample | 113 | 105 | | | | |
| _CSD 880-3315/3-A | Lab Control Sample Dup | 115 | 105 | | | | |
| LCSD 880-3319/3-A | Lab Control Sample Dup | 112 | 105 | | | | |
| MB 880-3315/1-A | Method Blank | 117 | 116 | | | | |
| MB 880-3319/1-A | Method Blank | 118 | 124 | | | | |
| 500 0010/171 | ouiou Biariit | 110 | | | | | |

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3312/5-A

Matrix: Solid

Analysis Batch: 3317

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3312

| | MB | MB | | | | | | | |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| | | | | | | | | | |

MB MB

| Surrogate | %Recovery | Qualifier Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|------------------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | 70 - 130 | 05/21/21 08:33 | 05/21/21 12:29 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | 70 - 130 | 05/21/21 08:33 | 05/21/21 12:29 | 1 |

Lab Sample ID: LCS 880-3312/1-A

Matrix: Solid

Analysis Batch: 3317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3312

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits Benzene 0.100 0.1049 mg/Kg 105 70 - 130 Toluene 0.100 0.09889 mg/Kg 70 - 130 99 mg/Kg 102 Ethylbenzene 0.100 0.1022 70 - 130 m-Xylene & p-Xylene 0.200 0.2202 mg/Kg 110 70 - 130 0.100 0.1108 o-Xylene mg/Kg 111 70 - 130

LCS LCS

| Surrogate | %Recovery Qua | lifier Limits |
|-----------------------------|---------------|---------------|
| 4-Bromofluorobenzene (Surr) | 112 | 70 - 130 |
| 1.4-Difluorobenzene (Surr) | 108 | 70 - 130 |

Lab Sample ID: LCSD 880-3312/2-A

Matrix: Solid

Analysis Batch: 3317

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3312

| _ | Spike | LCSD LC | SD | | %Rec. | | RPD |
|---------------------|-------|-----------|--------------|--------|----------|-----|-------|
| Analyte | Added | Result Qu | alifier Unit | D %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.1007 | mg/Kg | 101 | 70 - 130 | 4 | 35 |
| Toluene | 0.100 | 0.09427 | mg/Kg | 94 | 70 - 130 | 5 | 35 |
| Ethylbenzene | 0.100 | 0.09630 | mg/Kg | 96 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2056 | mg/Kg | 103 | 70 - 130 | 7 | 35 |
| o-Xylene | 0.100 | 0.1031 | mg/Kg | 103 | 70 - 130 | 7 | 35 |

LCSD LCSD

| Surrogate | %Recovery Qualifier | Limits |
|-----------------------------|---------------------|----------|
| 4-Bromofluorobenzene (Surr) | 105 | 70 - 130 |
| 1.4-Difluorobenzene (Surr) | 106 | 70 - 130 |

Lab Sample ID: 880-2339-1 MS

Matrix: Solid

Analysis Batch: 3317

| | | | olient dample ib. 11-1 (0-0) |
|---------------|-------|-------|-------------------------------|
| | | | Prep Type: Total/NA |
| | | | Prep Batch: 3312 |
| Sample Sample | Spike | MS MS | %Rec. |

Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene <0.00199 U 0.0998 0.09105 mg/Kg 91 70 - 130

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

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QC Sample Results

Client: Tetra Tech, Inc.

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-2339-1 MS Client Sample ID: H-1 (0'-6")

Matrix: Solid

| Matrix: Solid | | | | | | | | | Prep ly | pe: 101 | .ai/NA |
|----------------------|--------|-----------|-------|--------|-----------|------|---|------|---------|---------|--------|
| Analysis Batch: 3317 | | | | | | | | | Prep | Batch: | 3312 |
| | Sample | Sample | Spike | MS | MS | | | | %Rec. | | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | | |
| | | | | | | | _ | | | | |

| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits |
|---------------------|-----------|-----------|--------|---------|-----------|-------|---|------|----------|
| Toluene | <0.00199 | U | 0.0998 | 0.08425 | | mg/Kg | | 84 | 70 - 130 |
| Ethylbenzene | < 0.00199 | U | 0.0998 | 0.08303 | | mg/Kg | | 83 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1767 | | mg/Kg | | 89 | 70 - 130 |
| o-Xylene | < 0.00199 | U | 0.0998 | 0.08871 | | mg/Kg | | 89 | 70 - 130 |

MS MS

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 |

Lab Sample ID: 880-2339-1 MSD Client Sample ID: H-1 (0'-6") Prep Type: Total/NA

Matrix: Solid

| Analysis Batch: 3317 | | | | | | | | | Prep Batch: | | | |
|----------------------|----------|-----------|--------|---------|-----------|-------|---|------|-------------|-----|-------|--|
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec. | | RPD | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit | |
| Benzene | <0.00199 | U | 0.0998 | 0.08630 | | mg/Kg | | 86 | 70 - 130 | 5 | 35 | |
| Toluene | <0.00199 | U | 0.0998 | 0.08006 | | mg/Kg | | 80 | 70 - 130 | 5 | 35 | |
| Ethylbenzene | <0.00199 | U | 0.0998 | 0.08030 | | mg/Kg | | 80 | 70 - 130 | 3 | 35 | |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1717 | | mg/Kg | | 86 | 70 - 130 | 3 | 35 | |
| o-Xylene | <0.00199 | U | 0.0998 | 0.08667 | | mg/Kg | | 87 | 70 - 130 | 2 | 35 | |

MSD MSD

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

Lab Sample ID: MB 880-3314/5-A

Matrix: Solid

Analysis Batch: 3318

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

Prep Batch: 3314

MB MB

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 12:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 12:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 12:37 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 12:37 | 1 |
| o-Xylene < | <0.00200 | U | 0.00200 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 12:37 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 12:37 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 05/21/21 08:40 | 05/21/21 12:37 | 1 |

MB MB

| Surrogate | %Recovery | Qualifier | Limits | Prepared Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------------------------------|---------|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | 05/21/21 08:40 05/21/21 12:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 114 | | 70 - 130 | 05/21/21 08:40 05/21/21 12:37 | 1 |

Lab Sample ID: LCS 880-3314/1-A

Matrix: Solid

Analysis Batch: 3318

| Client Sample ID: Lab Control Sample |
|--------------------------------------|
| Prep Type: Total/NA |
| Pron Ratch: 3314 |

| - | Spike | LCS | LCS | | | | %Rec. | |
|---------|-------|--------|-----------|-------|---|------|----------|------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.100 | 0.1137 | | mg/Kg | | 114 | 70 - 130 | |
| Toluene | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | |

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6/3/2021 (Rev. 1)

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-3314/1-A

Lab Sample ID: LCSD 880-3314/2-A

Matrix: Solid

Analysis Batch: 3318

| Client Sample ID | : Lab Control Sample |
|------------------|----------------------|
| | Prep Type: Total/NA |

Prep Batch: 3314

LCS LCS Spike %Rec. Added Result Qualifier Unit D %Rec Limits Ethylbenzene 0.100 0.09652 97 70 - 130 mg/Kg m-Xylene & p-Xylene 0.200 0.1973 mg/Kg 99 70 - 130 o-Xylene 0.100 0.09550 70 - 130 mg/Kg 95

LCS LCS

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 123 | | 70 - 130 |

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 3314

Matrix: Solid

Analysis Batch: 3318

| Analysis Baton: 0010 | | | | | | ı icp | Dutoii. | 0017 |
|----------------------|-------|----------------|---------|---|------|----------|---------|-------|
| | Spike | LCSD LCSD | | | | %Rec. | | RPD |
| Analyte | Added | Result Qualifi | er Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.1187 | mg/Kg | | 119 | 70 - 130 | 4 | 35 |
| Toluene | 0.100 | 0.1134 | mg/Kg | | 113 | 70 - 130 | 8 | 35 |
| Ethylbenzene | 0.100 | 0.1035 | mg/Kg | | 104 | 70 - 130 | 7 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2151 | mg/Kg | | 108 | 70 - 130 | 9 | 35 |
| o-Xvlene | 0.100 | 0.1029 | ma/Ka | | 103 | 70 - 130 | 7 | 35 |

LCSD LCSD

| Surrogate | %Recovery Qu | alifier Limits |
|-----------------------------|--------------|----------------|
| 4-Bromofluorobenzene (Surr) | 95 | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 127 | 70 - 130 |

Lab Sample ID: 880-2339-21 MS

Matrix: Solid

Analysis Batch: 3318

Client Sample ID: AH-1 (0'-1') **Prep Type: Total/NA**

Prep Batch: 3314

| Sample | Sample | Spike | MS | MS | | | | %Rec. | |
|-----------|--|-----------------------------|---|--|--|---|---|--|---|
| Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| <0.00199 | U | 0.100 | 0.09147 | | mg/Kg | | 91 | 70 - 130 | |
| < 0.00199 | U | 0.100 | 0.09695 | | mg/Kg | | 97 | 70 - 130 | |
| < 0.00199 | U | 0.100 | 0.09488 | | mg/Kg | | 95 | 70 - 130 | |
| <0.00398 | U | 0.200 | 0.1895 | | mg/Kg | | 95 | 70 - 130 | |
| <0.00199 | U | 0.100 | 0.08944 | | mg/Kg | | 89 | 70 - 130 | |
| | Result <0.00199 <0.00199 <0.00199 <0.00398 | Sample Result Qualifier | Result Qualifier Added <0.00199 | Result Qualifier Added Result <0.00199 | Result Qualifier Added Result Qualifier <0.00199 | Result Qualifier Added Result Qualifier Unit <0.00199 | Result Qualifier Added Result Qualifier Unit D <0.00199 | Result Qualifier Added Result Qualifier Unit D %Rec <0.00199 | Result Qualifier Added Result Qualifier Unit D %Rec Limits <0.00199 |

MS MS

| Surrogate | %Recovery Qu | ualifier | Limits |
|-----------------------------|--------------|----------|----------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 110 | | 70 - 130 |

Lab Sample ID: 880-2339-21 MSD

Matrix: Solid

| Client Samp | le ID: | AH-1 (| (0'-1') |
|-------------|--------|--------|---------|
|-------------|--------|--------|---------|

Prep Type: Total/NA

| Analysis Batch: 3318 | | | | | | | | | Prep | Batch: | 3314 |
|----------------------|-----------|-----------|--------|---------|-----------|-------|---|------|----------|--------|-------|
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec. | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | <0.00199 | U | 0.0996 | 0.09284 | | mg/Kg | | 93 | 70 - 130 | 1 | 35 |
| Toluene | <0.00199 | U | 0.0996 | 0.09922 | | mg/Kg | | 100 | 70 - 130 | 2 | 35 |
| Ethylbenzene | < 0.00199 | U | 0.0996 | 0.09282 | | mg/Kg | | 93 | 70 - 130 | 2 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.199 | 0.1887 | | mg/Kg | | 95 | 70 - 130 | 0 | 35 |
| o-Xylene | < 0.00199 | U | 0.0996 | 0.08883 | | mg/Kg | | 89 | 70 - 130 | 1 | 35 |

Eurofins Xenco, Midland

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QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

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

| | MSD | MSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 120 | | 70 - 130 |

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

| Matrix: Solid Analysis Batch: 3367 | Ą | | | | | | | Prep Type: To Prep Batcl | otal/NA |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|-----------------------------|---------|
| - | MB | MB | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 15:46 | 1 |

| Allalyte | Resuit | Qualifier | NL. | MDL | Ullit | U | riepaieu | Allalyzeu | DIIFac |
|-----------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|--------|
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 15:46 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 15:46 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 15:46 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 08:42 | 05/22/21 15:46 | 1 |
| | | | | | | | | | |

| | MB | MB | | | | |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 117 | | 70 - 130 | 05/21/21 08:42 | 05/22/21 15:46 | 1 |
| o-Terphenyl | 116 | | 70 - 130 | 05/21/21 08:42 | 05/22/21 15:46 | 1 |

| _ | | | |
|---------------------------------|-------|---------|--------------------------------------|
| Lab Sample ID: LCS 880-3315/2-A | | | Client Sample ID: Lab Control Sample |
| Matrix: Solid | | | Prep Type: Total/NA |
| Analysis Batch: 3367 | | | Prep Batch: 3315 |
| • | Spike | LCS LCS | %Rec. |

| | Spike | LCS | LCS | | | | %Rec. | |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Gasoline Range Organics | 1000 | 883.7 | | mg/Kg | | 88 | 70 - 130 | |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 1093 | | mg/Kg | | 109 | 70 - 130 | |
| C10-C28) | | | | | | | | |

| | LCS LCS | |
|----------------|---------------------|----------|
| Surrogate | %Recovery Qualifier | Limits |
| 1-Chlorooctane | 114 | 70 - 130 |
| o-Terphenyl | 106 | 70 - 130 |

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| Lab Sample ID: LCSD 880-3315/3-A | Client Sample ID: Lab Control Sample Dup |
|----------------------------------|--|
| Matrix: Solid | Prep Type: Total/NA |
| A selecte Details 000T | December 1984 |

| Analysis Batch: 3367 | | | | | | | Prep | Batch: | 3315 | |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|--------|-------|--|
| _ | Spike | LCSD | LCSD | | | | %Rec. | | RPD | |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit | |
| Gasoline Range Organics | 1000 | 889.8 | | mg/Kg | | 89 | 70 - 130 | 1 | 20 | |
| (GRO)-C6-C10 | | | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 1077 | | mg/Kg | | 108 | 70 - 130 | 1 | 20 | |

| C10-C28) | | | |
|----------------|-----------|-----------|----------|
| | LCSD I | LCSD | |
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 115 | | 70 - 130 |
| o-Terphenyl | 105 | | 70 - 130 |

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-2339-1 MS

Matrix: Solid

Analysis Batch: 3367

Client Sample ID: H-1 (0'-6") Prep Type: Total/NA

Prep Batch: 3315

| | 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 | 996 | 1005 | | mg/Kg | | 101 | 70 - 130 | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 996 | 1264 | | mg/Kg | | 127 | 70 - 130 | |

Limits

70 - 130

MS MS Surrogate %Recovery Qualifier 1-Chlorooctane 116

97 70 - 130 o-Terphenyl

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

Prep Type: Total/NA

11

Lab Sample ID: 880-2339-1 MSD **Matrix: Solid**

Diesel Range Organics (Over

| Analysis Batch: 3367 | | | | | | | | | Prep | Batch: | 3315 |
|---|--------|-----------|-------|--------|-----------|-------|---|------|----------|--------|-------|
| | 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 | 996 | 899.9 | | mg/Kg | | 90 | 70 - 130 | 11 | 20 |

1129

mg/Kg

996

C10-C28)

MSD MSD

| Surrogate | %Recovery | Qualifier | Limits |
|----------------|-----------|-----------|----------|
| 1-Chlorooctane | 102 | | 70 - 130 |
| o-Terphenyl | 87 | | 70 - 130 |

Lab Sample ID: MB 880-3319/1-A

Matrix: Solid

Analysis Batch: 3367

Client Sample ID: Method Blank

70 - 130

113

Prep Type: Total/NA Prep Batch: 3319

MB MB

<49.9 U

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 01:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 01:12 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 01:12 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 05/21/21 09:00 | 05/23/21 01:12 | 1 |

MB MB

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 118 | | 70 - 130 | 05/21/21 09:00 | 05/23/21 01:12 | 1 |
| o-Terphenvl | 124 | | 70 - 130 | 05/21/21 09:00 | 05/23/21 01:12 | 1 |

Lab Sample ID: LCS 880-3319/2-A

Matrix: Solid

Analysis Batch: 3367

| Client Sample ID: L | ab Control Sample |
|---------------------|-------------------|
|---------------------|-------------------|

Prep Type: Total/NA

Prep Batch: 3319

| 7 thai yolo Batolii 0001 | | | | | | | Datoiii oo | , . · |
|-----------------------------|-----|-----------|-----------|-------|--------|----------|------------|-------|
| | Spi | ke LCS | LCS | | | %Rec. | | |
| Analyte | Add | ed Result | Qualifier | Unit | D %Rec | Limits | | |
| Gasoline Range Organics | 10 | 00 876.0 | | mg/Kg | 88 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | 10 | 00 1091 | | mg/Kg | 109 | 70 - 130 | | |
| C10-C28) | | | | | | | | |

Job ID: 880-2339-1

SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-3319/2-A

Project/Site: EOG - Rattle Snake To Bandit

Matrix: Solid

Analysis Batch: 3367

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3319

LCS LCS %Recovery Qualifier Surrogate Limits 1-Chlorooctane 113 70 - 130 o-Terphenyl 105 70 - 130

Lab Sample ID: LCSD 880-3319/3-A

Matrix: Solid

Analysis Batch: 3367

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3319

LCSD LCSD RPD Spike %Rec. Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 870.1 mg/Kg 87 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1083 mg/Kg 108 70 - 130 20 C10-C28)

LCSD LCSD

| Surrogate | %Recovery Qualifier | Limits |
|----------------|---------------------|----------|
| 1-Chlorooctane | 112 | 70 - 130 |
| o-Terphenyl | 105 | 70 - 130 |

Lab Sample ID: 880-2339-21 MS

Matrix: Solid

Analysis Batch: 3367

Client Sample ID: AH-1 (0'-1') **Prep Type: Total/NA**

Prep Batch: 3319

Sample Sample Spike MS MS %Rec. Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics <49.9 U 996 1015 mg/Kg 102 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 996 <49.9 U 1276 mg/Kg 128 70 - 130

C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 222 S1+ 70 - 130 o-Terphenyl 213 S1+ 70 - 130

Lab Sample ID: 880-2339-21 MSD

Matrix: Solid

Analysis Batch: 3367

Client Sample ID: AH-1 (0'-1')

Prep Type: Total/NA Prep Batch: 3319

%Rec. **RPD**

Sample Sample Spike MSD MSD Result Qualifier RPD Added Result Qualifier Limits Limit Analyte Unit %Rec <49.9 U 996 981.9 99 70 - 130 3 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 996 1194 mg/Kg 120 70 - 130 7 20

C10-C28)

| MSD | MSD | |
|---------|-----------|--------|
| ecovery | Qualifier | Limits |
| | | |

%Re Surrogate 70 - 130 1-Chlorooctane 212 S1+ 70 - 130 o-Terphenyl 197 S1+

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

%Rec.

Limits

90 - 110

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

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

Client Sample ID: AH-4 (2'-2.5')

Client Sample ID: AH-4 (2'-2.5')

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample Dup

SDG: Lea County, New Mexico

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3300/1-A

Matrix: Solid

Analysis Batch: 3377

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte D Prepared 5.00 05/23/21 17:23 Chloride <5.00 U mg/Kg

Lab Sample ID: LCS 880-3300/2-A **Matrix: Solid**

Analysis Batch: 3377

Spike LCS LCS Result Qualifier Added Unit D %Rec Analyte 250 Chloride 232.4 mg/Kg 93

Lab Sample ID: LCSD 880-3300/3-A **Matrix: Solid**

Analysis Batch: 3377

Spike LCSD LCSD %Rec. **RPD** Added Result Qualifier Limits **RPD Analyte** Unit %Rec Limit Chloride 250 232.5 93 90 - 110 20 mg/Kg

Lab Sample ID: 880-2339-1 MS

Matrix: Solid

Analysis Batch: 3377

Spike MS MS %Rec. Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 253.5 Chloride <4.99 250 mg/Kg 101 90 - 110

Lab Sample ID: 880-2339-1 MSD

Matrix: Solid

Analysis Batch: 3377

MSD MSD RPD Sample Sample Spike %Rec. Analyte Result Qualifier Added Limits Result Qualifier Unit %Rec **RPD** Limit Chloride <4.99 U 250 252.9 101 90 - 110 mg/Kg

Lab Sample ID: 880-2339-11 MS

Matrix: Solid

Analysis Batch: 3377

Sample Sample Spike MS MS %Rec. Result Qualifier Added Analyte Result Qualifier Unit %Rec Limits 248 Chloride 19.4 265.9 mg/Kg 99 90 - 110

Lab Sample ID: 880-2339-11 MSD

Matrix: Solid

Analysis Batch: 3377

Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec Chloride 248 99 194 266.2 mg/Kg 90 - 110

Lab Sample ID: MB 880-3301/1-A

Released to Imaging: 3/11/2024 3:23:55 PM

Matrix: Solid

Analysis Batch: 3433

MB MB

MDL Unit RL D Analyte Result Qualifier Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 05/24/21 20:47 mg/Kg

Spike

Added

250

Spike

Added

Sample Sample

Sample Sample

67.6

Result Qualifier

MB MB

<5.00 U

Result Qualifier

67.6

Result Qualifier

250

Spike

Added

Spike

Added

Spike

Added

250

248

RL

5.00

248

LCS LCS

LCSD LCSD

MS MS

MSD MSD

Result Qualifier

MDL

LCS LCS

242.6

Result Qualifier

Unit

mg/Kg

Result Qualifier

Result Qualifier

233.1

233.7

303.6

303.4

Result Qualifier

Unit

Unit

Unit

mg/Kg

Unit

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

D

%Rec

D %Rec

%Rec

%Rec

Prepared

%Rec

97

D

95

95

93

93

Client Sample ID: Lab Control Sample Dup

Client: Tetra Tech, Inc.

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

Client Sample ID: Lab Control Sample

%Rec.

Limits

90 - 110

%Rec.

Limits

%Rec.

Limits

%Rec.

Limits

90 - 110

Client Sample ID: Method Blank

%Rec.

Limits

90 - 110

%Rec.

90 - 110

Client Sample ID: AH-1 (1'-1.5')

90 - 110

Client Sample ID: AH-1 (1'-1.5')

SDG: Lea County, New Mexico

Prep Type: Soluble

Prep Type: Soluble

RPD

Prep Type: Soluble

Prep Type: Soluble

RPD

Prep Type: Soluble

n

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-3301/2-A

Matrix: Solid

Analysis Batch: 3433

Analyte Chloride

Lab Sample ID: LCSD 880-3301/3-A **Matrix: Solid**

Analysis Batch: 3433

Analyte

Lab Sample ID: 880-2339-22 MS

Chloride

Matrix: Solid

Analysis Batch: 3433

Analyte Chloride

Lab Sample ID: 880-2339-22 MSD

Matrix: Solid

Analysis Batch: 3433

Analyte

Chloride

Chloride

Analyte

Lab Sample ID: MB 880-3747/1-A **Matrix: Solid**

Analysis Batch: 3774

Analyte

Lab Sample ID: LCS 880-3747/2-A

Matrix: Solid Analysis Batch: 3774

Chloride

Matrix: Solid

Analysis Batch: 3774

Analyte

Lab Sample ID: LCSD 880-3747/3-A

Chloride

Spike Added 250

241.9

LCSD LCSD Result Qualifier

Unit mg/Kg

Limits %Rec 97

RPD Limit 90 - 110 0

RPD

Limit

RPD

Limit

Dil Fac

RPD

Client Sample ID: Lab Control Sample

Analyzed

06/03/21 13:36

Prep Type: Soluble

Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Client: Tetra Tech, Inc.

Job ID: 880-2339-1

Project/Site: EOG - Rattle Snake To Bandit

SDG: Lea County, New Mexico

GC VOA

Prep Batch: 3312

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batcl |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2339-1 | H-1 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-2 | H-2 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-3 | H-3 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-4 | H-4 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-5 | H-5 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-6 | H-6 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-7 | H-7 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-8 | H-8 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-9 | AH-4 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2339-10 | AH-4 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2339-11 | AH-4 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2339-12 | AH-4 (3'-3.5') | Total/NA | Solid | 5035 | |
| 880-2339-13 | AH-4 (4'-4.5') | Total/NA | Solid | 5035 | |
| 880-2339-14 | AH-4 (4.5'-5') | Total/NA | Solid | 5035 | |
| 880-2339-15 | AH-5 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2339-16 | AH-5 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2339-17 | AH-5 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2339-18 | AH-6 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2339-19 | AH-6 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2339-20 | AH-6 (2'-2.5') | Total/NA | Solid | 5035 | |
| MB 880-3312/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-3312/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-3312/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-2339-1 MS | H-1 (0'-6") | Total/NA | Solid | 5035 | |
| 880-2339-1 MSD | H-1 (0'-6") | Total/NA | Solid | 5035 | |

Prep Batch: 3314

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2339-21 | AH-1 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2339-22 | AH-1 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2339-23 | AH-1 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2339-24 | AH-2 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2339-25 | AH-2 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2339-26 | AH-2 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2339-27 | AH-3 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2339-28 | AH-3 (1'-1.5') | Total/NA | Solid | 5035 | |
| 880-2339-29 | AH-3 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2339-30 | AH-3 (2'-2.5') | Total/NA | Solid | 5035 | |
| 880-2339-31 | AH-3 (4'-4.5') | Total/NA | Solid | 5035 | |
| MB 880-3314/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-3314/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-3314/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-2339-21 MS | AH-1 (0'-1') | Total/NA | Solid | 5035 | |
| 880-2339-21 MSD | AH-1 (0'-1') | Total/NA | Solid | 5035 | |

Analysis Batch: 3317

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-2339-1 | H-1 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-2 | H-2 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-3 | H-3 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-4 | H-4 (0'-6") | Total/NA | Solid | 8021B | 3312 |

Eurofins Xenco, Midland

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Client: Tetra Tech, Inc. Job ID: 880-2339-1 SDG: Lea County, New Mexico Project/Site: EOG - Rattle Snake To Bandit

GC VOA (Continued)

Analysis Batch: 3317 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2339-5 | H-5 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-6 | H-6 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-7 | H-7 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-8 | H-8 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-9 | AH-4 (0'-1') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-10 | AH-4 (1'-1.5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-11 | AH-4 (2'-2.5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-12 | AH-4 (3'-3.5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-13 | AH-4 (4'-4.5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-14 | AH-4 (4.5'-5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-15 | AH-5 (0'-1') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-16 | AH-5 (1'-1.5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-17 | AH-5 (2'-2.5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-18 | AH-6 (0'-1') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-19 | AH-6 (1'-1.5') | Total/NA | Solid | 8021B | 3312 |
| 880-2339-20 | AH-6 (2'-2.5') | Total/NA | Solid | 8021B | 3312 |
| MB 880-3312/5-A | Method Blank | Total/NA | Solid | 8021B | 3312 |
| LCS 880-3312/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 3312 |
| LCSD 880-3312/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 3312 |
| 880-2339-1 MS | H-1 (0'-6") | Total/NA | Solid | 8021B | 3312 |
| 880-2339-1 MSD | H-1 (0'-6") | Total/NA | Solid | 8021B | 3312 |

Analysis Batch: 3318

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2339-21 | AH-1 (0'-1') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-22 | AH-1 (1'-1.5') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-23 | AH-1 (2'-2.5') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-24 | AH-2 (0'-1') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-25 | AH-2 (1'-1.5') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-26 | AH-2 (2'-2.5') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-27 | AH-3 (0'-1') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-28 | AH-3 (1'-1.5') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-29 | AH-3 (2'-2.5') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-30 | AH-3 (2'-2.5') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-31 | AH-3 (4'-4.5') | Total/NA | Solid | 8021B | 3314 |
| MB 880-3314/5-A | Method Blank | Total/NA | Solid | 8021B | 3314 |
| LCS 880-3314/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 3314 |
| LCSD 880-3314/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 3314 |
| 880-2339-21 MS | AH-1 (0'-1') | Total/NA | Solid | 8021B | 3314 |
| 880-2339-21 MSD | AH-1 (0'-1') | Total/NA | Solid | 8021B | 3314 |

GC Semi VOA

Prep Batch: 3315

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 880-2339-1 | H-1 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-2 | H-2 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-3 | H-3 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-4 | H-4 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-5 | H-5 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-6 | H-6 (0'-6") | Total/NA | Solid | 8015NM Prep | |

Job ID: 880-2339-1 Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 3315 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 880-2339-7 | H-7 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-8 | H-8 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-9 | AH-4 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-10 | AH-4 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-11 | AH-4 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-12 | AH-4 (3'-3.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-13 | AH-4 (4'-4.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-14 | AH-4 (4.5'-5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-15 | AH-5 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-16 | AH-5 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-17 | AH-5 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-18 | AH-6 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-19 | AH-6 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-20 | AH-6 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-3315/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-3315/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-3315/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-2339-1 MS | H-1 (0'-6") | Total/NA | Solid | 8015NM Prep | |
| 880-2339-1 MSD | H-1 (0'-6") | Total/NA | Solid | 8015NM Prep | |

Prep Batch: 3319

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 880-2339-21 | AH-1 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-22 | AH-1 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-23 | AH-1 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-24 | AH-2 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-25 | AH-2 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-26 | AH-2 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-27 | AH-3 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-28 | AH-3 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-29 | AH-3 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-30 | AH-3 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-31 | AH-3 (4'-4.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-3319/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-3319/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-3319/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-2339-21 MS | AH-1 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-2339-21 MSD | AH-1 (0'-1') | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 3367

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-2339-1 | H-1 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-2 | H-2 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-3 | H-3 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-4 | H-4 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-5 | H-5 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-6 | H-6 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-7 | H-7 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-8 | H-8 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-9 | AH-4 (0'-1') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-10 | AH-4 (1'-1.5') | Total/NA | Solid | 8015B NM | 3315 |

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Job ID: 880-2339-1 Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 3367 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-2339-11 | AH-4 (2'-2.5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-12 | AH-4 (3'-3.5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-13 | AH-4 (4'-4.5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-14 | AH-4 (4.5'-5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-15 | AH-5 (0'-1') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-16 | AH-5 (1'-1.5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-17 | AH-5 (2'-2.5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-18 | AH-6 (0'-1') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-19 | AH-6 (1'-1.5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-20 | AH-6 (2'-2.5') | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-21 | AH-1 (0'-1') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-22 | AH-1 (1'-1.5') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-23 | AH-1 (2'-2.5') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-24 | AH-2 (0'-1') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-25 | AH-2 (1'-1.5') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-26 | AH-2 (2'-2.5') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-27 | AH-3 (0'-1') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-28 | AH-3 (1'-1.5') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-29 | AH-3 (2'-2.5') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-30 | AH-3 (2'-2.5') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-31 | AH-3 (4'-4.5') | Total/NA | Solid | 8015B NM | 3319 |
| MB 880-3315/1-A | Method Blank | Total/NA | Solid | 8015B NM | 3315 |
| MB 880-3319/1-A | Method Blank | Total/NA | Solid | 8015B NM | 3319 |
| LCS 880-3315/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 3315 |
| LCS 880-3319/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 3319 |
| LCSD 880-3315/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 3315 |
| LCSD 880-3319/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-1 MS | H-1 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-1 MSD | H-1 (0'-6") | Total/NA | Solid | 8015B NM | 3315 |
| 880-2339-21 MS | AH-1 (0'-1') | Total/NA | Solid | 8015B NM | 3319 |
| 880-2339-21 MSD | AH-1 (0'-1') | Total/NA | Solid | 8015B NM | 3319 |

HPLC/IC

Leach Batch: 3300

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-2339-1 | H-1 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-2 | H-2 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-3 | H-3 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-4 | H-4 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-5 | H-5 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-6 | H-6 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-7 | H-7 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-8 | H-8 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-9 | AH-4 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2339-10 | AH-4 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2339-11 | AH-4 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2339-12 | AH-4 (3'-3.5') | Soluble | Solid | DI Leach | |
| 880-2339-13 | AH-4 (4'-4.5') | Soluble | Solid | DI Leach | |
| 880-2339-14 | AH-4 (4.5'-5') | Soluble | Solid | DI Leach | |
| 880-2339-15 | AH-5 (0'-1') | Soluble | Solid | DI Leach | |

Client: Tetra Tech, Inc. Project/Site: EOG - Rattle Snake To Bandit

SDG: Lea County, New Mexico

Job ID: 880-2339-1

HPLC/IC (Continued)

Leach Batch: 3300 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-2339-16 | AH-5 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2339-17 | AH-5 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2339-18 | AH-6 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2339-19 | AH-6 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2339-20 | AH-6 (2'-2.5') | Soluble | Solid | DI Leach | |
| MB 880-3300/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-3300/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-3300/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-2339-1 MS | H-1 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-1 MSD | H-1 (0'-6") | Soluble | Solid | DI Leach | |
| 880-2339-11 MS | AH-4 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2339-11 MSD | AH-4 (2'-2.5') | Soluble | Solid | DI Leach | |

Leach Batch: 3301

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-2339-21 | AH-1 (0'-1') | Soluble | Solid | DI Leach | _ |
| 880-2339-22 | AH-1 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2339-23 | AH-1 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2339-24 | AH-2 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2339-25 | AH-2 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2339-26 | AH-2 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2339-27 | AH-3 (0'-1') | Soluble | Solid | DI Leach | |
| 880-2339-28 | AH-3 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2339-29 | AH-3 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2339-30 | AH-3 (2'-2.5') | Soluble | Solid | DI Leach | |
| 880-2339-31 | AH-3 (4'-4.5') | Soluble | Solid | DI Leach | |
| MB 880-3301/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-3301/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-3301/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-2339-22 MS | AH-1 (1'-1.5') | Soluble | Solid | DI Leach | |
| 880-2339-22 MSD | AH-1 (1'-1.5') | Soluble | Solid | DI Leach | |

Analysis Batch: 3377

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-2339-1 | H-1 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-2 | H-2 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-3 | H-3 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-4 | H-4 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-5 | H-5 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-6 | H-6 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-7 | H-7 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-8 | H-8 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-9 | AH-4 (0'-1') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-10 | AH-4 (1'-1.5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-11 | AH-4 (2'-2.5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-12 | AH-4 (3'-3.5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-13 | AH-4 (4'-4.5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-14 | AH-4 (4.5'-5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-15 | AH-5 (0'-1') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-16 | AH-5 (1'-1.5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-17 | AH-5 (2'-2.5') | Soluble | Solid | 300.0 | 3300 |

Client: Tetra Tech, Inc. Job ID: 880-2339-1 SDG: Lea County, New Mexico Project/Site: EOG - Rattle Snake To Bandit

HPLC/IC (Continued)

Analysis Batch: 3377 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2339-18 | AH-6 (0'-1') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-19 | AH-6 (1'-1.5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-20 | AH-6 (2'-2.5') | Soluble | Solid | 300.0 | 3300 |
| MB 880-3300/1-A | Method Blank | Soluble | Solid | 300.0 | 3300 |
| LCS 880-3300/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 3300 |
| LCSD 880-3300/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 3300 |
| 880-2339-1 MS | H-1 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-1 MSD | H-1 (0'-6") | Soluble | Solid | 300.0 | 3300 |
| 880-2339-11 MS | AH-4 (2'-2.5') | Soluble | Solid | 300.0 | 3300 |
| 880-2339-11 MSD | AH-4 (2'-2.5') | Soluble | Solid | 300.0 | 3300 |

Analysis Batch: 3433

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-2339-21 | AH-1 (0'-1') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-22 | AH-1 (1'-1.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-23 | AH-1 (2'-2.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-24 | AH-2 (0'-1') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-25 | AH-2 (1'-1.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-26 | AH-2 (2'-2.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-27 | AH-3 (0'-1') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-28 | AH-3 (1'-1.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-29 | AH-3 (2'-2.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-30 | AH-3 (2'-2.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-31 | AH-3 (4'-4.5') | Soluble | Solid | 300.0 | 3301 |
| MB 880-3301/1-A | Method Blank | Soluble | Solid | 300.0 | 3301 |
| LCS 880-3301/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 3301 |
| LCSD 880-3301/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 3301 |
| 880-2339-22 MS | AH-1 (1'-1.5') | Soluble | Solid | 300.0 | 3301 |
| 880-2339-22 MSD | AH-1 (1'-1.5') | Soluble | Solid | 300.0 | 3301 |

Leach Batch: 3747

| Lab Sample ID MB 880-3747/1-A | Client Sample ID Method Blank | Prep Type Soluble | Matrix Solid | Method DI Leach | Prep Batch |
|----------------------------------|--------------------------------|-------------------|--------------|-----------------|------------|
| LCS 880-3747/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-3747/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Analysis Batch: 3774

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| MB 880-3747/1-A | Method Blank | Soluble | Solid | 300.0 | 3747 |
| LCS 880-3747/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 3747 |
| LCSD 880-3747/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 3747 |

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-2339-1

Matrix: Solid

Client Sample ID: H-1 (0'-6") Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 12:50 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 16:49 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 17:38 | SC | XEN MID |

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

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-2 **Matrix: Solid**

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 13:11 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 17:52 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 17:54 | SC | XEN MID |

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

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-3 Matrix: Solid

| - | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 13:31 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 18:13 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 17:59 | SC | XEN MID |

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

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 13:51 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 18:34 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 18:04 | SC | XEN MID |

Eurofins Xenco, Midland

Lab Sample ID: 880-2339-4

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

SDG: Lea County, New Mexico

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

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-5

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 14:12 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 18:55 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 18:09 | SC | XEN MID |

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

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-6

Lab Sample ID: 880-2339-7

05/23/21 18:30 SC

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 14:32 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 19:16 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 18:25 | SC | XEN MID |

Client Sample ID: H-7 (0'-6")

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 14:53 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 19:37 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.02 a | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |

1

3377

Client Sample ID: H-8 (0'-6")

Analysis

300.0

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

Soluble

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 15:13 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 19:58 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 18:35 | SC | XEN MID |

Eurofins Xenco, Midland

XEN MID Lab Sample ID: 880-2339-8 Matrix: Solid

Matrix: Solid

Client Sample ID: AH-4 (0'-1')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-9

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 15:33 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 20:19 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 18:40 | SC | XEN MID |

Lab Sample ID: 880-2339-10

Matrix: Solid

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Client Sample ID: AH-4 (1'-1.5')

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 15:54 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 20:40 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 18:46 | SC | XEN MID |

Client Sample ID: AH-4 (2'-2.5') Lab Sample ID: 880-2339-11 Date Collected: 05/19/21 00:00 Matrix: Solid

Date Received: 05/20/21 16:11

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 17:16 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 21:22 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 18:51 | SC | XEN MID |

Client Sample ID: AH-4 (3'-3.5') Lab Sample ID: 880-2339-12

Date Collected: 05/19/21 00:00 Matrix: Solid Date Received: 05/20/21 16:11

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 17:36 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 21:43 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 19:06 | SC | XEN MID |

Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Lab Sample ID: 880-2339-13

Client Sample ID: AH-4 (4'-4.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 17:57 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 22:04 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 19:11 | SC | XEN MID |

Client Sample ID: AH-4 (4.5'-5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-14

Lab Sample ID: 880-2339-15

05/23/21 19:32 SC

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 18:17 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 22:25 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 19:27 | SC | XEN MID |

Client Sample ID: AH-5 (0'-1')

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 18:38 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 22:45 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.95 a | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |

1

3377

Client Sample ID: AH-5 (1'-1.5')

Analysis

300.0

Date Collected: 05/19/21 00:00

Date Received: 05/20/21 16:11

Soluble

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 18:58 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 23:06 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 19:37 | SC | XEN MID |

Eurofins Xenco, Midland

XEN MID Lab Sample ID: 880-2339-16 Matrix: Solid

Matrix: Solid

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1 SDG: Lea County, New Mexico

Client Sample ID: AH-5 (2'-2.5')

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-17 Matrix: Solid

| Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|----------|--|--|---|---|---|---|--|---|--|
| Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Prep | 5035 | | | 5.03 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 19:18 | KL | XEN MID |
| Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Analysis | 8015B NM | | 1 | | | 3367 | 05/22/21 23:27 | AJ | XEN MID |
| Leach | DI Leach | | | 5.02 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 19:42 | SC | XEN MID |
| | Type Prep Analysis Prep Analysis Leach | Type Method Prep 5035 Analysis 8021B Prep 8015NM Prep Analysis 8015B NM Leach DI Leach | Type Method Run Prep 5035 Analysis 8021B Prep 8015NM Prep Analysis 8015B NM Leach DI Leach | Type Method Run Factor Prep 5035 1 Analysis 8021B 1 Prep 8015NM Prep 3 Analysis 8015B NM 1 Leach DI Leach | Type Method Run Factor Amount Prep 5035 5.03 g Analysis 8021B 1 5 mL Prep 8015NM Prep 10.03 g Analysis 8015B NM 1 Leach DI Leach 5.02 g | Type Method Run Factor Amount Amount Prep 5035 5.03 g 5 mL Analysis 8021B 1 5 mL 5 mL Prep 8015NM Prep 10.03 g 10 mL Analysis 8015B NM 1 5.02 g 50 mL | Type Method Run Factor Amount Amount Number Prep 5035 5.03 g 5 mL 3312 Analysis 8021B 1 5 mL 5 mL 3317 Prep 8015NM Prep 10.03 g 10 mL 3315 Analysis 8015B NM 1 3367 Leach DI Leach 5.02 g 50 mL 3300 | Type Method Run Factor Amount Amount Number or Analyzed Prep 5035 5.03 g 5 mL 3312 05/21/21 08:33 Analysis 8021B 1 5 mL 5 mL 3317 05/21/21 19:18 Prep 8015NM Prep 10.03 g 10 mL 3315 05/21/21 08:42 Analysis 8015B NM 1 3367 05/22/21 23:27 Leach DI Leach 5.02 g 50 mL 3300 05/20/21 18:48 | Type Method Run Factor Amount Amount Number or Analyzed Analyst Prep 5035 5.03 g 5 mL 3312 05/21/21 08:33 KL Analysis 8021B 1 5 mL 5 mL 3317 05/21/21 19:18 KL Prep 8015NM Prep 10.03 g 10 mL 3315 05/21/21 08:42 DM Analysis 8015B NM 1 5.02 g 50 mL 3300 05/20/21 18:48 SC |

Lab Sample ID: 880-2339-18

Matrix: Solid

Date Collected: 05/19/21 00:00 Date Received: 05/20/21 16:11

Client Sample ID: AH-6 (0'-1')

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor** Amount **Amount** Number or Analyzed Analyst Lab Total/NA Prep 5035 5.04 g 5 mL 3312 05/21/21 08:33 KL XEN MID Total/NA 8021B Analysis 5 mL 5 mL 3317 05/21/21 19:39 KL XEN MID 1 Total/NA Prep 8015NM Prep 10.01 q 10 mL 3315 05/21/21 08:42 DM XEN MID Total/NA Analysis 8015B NM 3367 05/22/21 23:48 AJ XEN MID 1 Soluble Leach DI Leach 5.03 g 50 mL 3300 05/20/21 18:48 SC XEN MID Soluble Analysis 300.0 05/23/21 19:48 SC XEN MID 1 3377

Client Sample ID: AH-6 (1'-1.5') Lab Sample ID: 880-2339-19 Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 16:11

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 19:59 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 00:09 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 19:53 | SC | XEN MID |

Client Sample ID: AH-6 (2'-2.5') Lab Sample ID: 880-2339-20 Date Collected: 05/19/21 00:00 Matrix: Solid

Date Received: 05/20/21 16:11

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 3312 | 05/21/21 08:33 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3317 | 05/21/21 20:20 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3315 | 05/21/21 08:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 00:30 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 3300 | 05/20/21 18:48 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3377 | 05/23/21 19:58 | SC | XEN MID |

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

SDG: Lea County, New Mexico

Client Sample ID: AH-1 (0'-1')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-21

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 12:59 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 02:14 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 22:10 | CH | XEN MID |

Client Sample ID: AH-1 (1'-1.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-22

Matrix: Solid

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 13:20 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 03:17 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 22:15 | CH | XEN MID |

Client Sample ID: AH-1 (2'-2.5') Lab Sample ID: 880-2339-23

Date Collected: 05/20/21 00:00 Matrix: Solid Date Received: 05/20/21 16:11

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 13:41 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 03:37 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 22:31 | CH | XEN MID |

Client Sample ID: AH-2 (0'-1') Lab Sample ID: 880-2339-24 Date Collected: 05/20/21 00:00

Date Received: 05/20/21 16:11

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 14:02 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 03:58 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 22:36 | CH | XEN MID |

Eurofins Xenco, Midland

Matrix: Solid

Job ID: 880-2339-1

Client: Tetra Tech, Inc.

Project/Site: EOG - Rattle Snake To Bandit

SDG: Lea County, New Mexico

Lab Sample ID: 880-2339-25

Client Sample ID: AH-2 (1'-1.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 14:22 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 04:20 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 22:51 | CH | XEN MID |

Client Sample ID: AH-2 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-26

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 14:43 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 04:41 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 22:57 | CH | XEN MID |

Client Sample ID: AH-3 (0'-1')

Date Collected: 05/20/21 00:00

Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-27

Matrix: Solid

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 15:04 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 05:02 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 23:02 | CH | XEN MID |

Client Sample ID: AH-3 (1'-1.5')

Date Collected: 05/20/21 00:00

Date Received: 05/20/21 16:11

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 15:25 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 05:22 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 23:07 | CH | XEN MID |

Eurofins Xenco, Midland

Lab Sample ID: 880-2339-28 Matrix: Solid

Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 880-2339-1 Project/Site: EOG - Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-3 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-29

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 15:45 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 05:43 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 23:12 | CH | XEN MID |

Client Sample ID: AH-3 (2'-2.5')

Date Collected: 05/20/21 00:00 Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-30

Matrix: Solid

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 16:06 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 06:04 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 23:17 | CH | XEN MID |

Client Sample ID: AH-3 (4'-4.5')

Date Collected: 05/20/21 00:00

Date Received: 05/20/21 16:11

Lab Sample ID: 880-2339-31

Matrix: Solid

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 3314 | 05/21/21 08:40 | KL | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 3318 | 05/21/21 17:29 | KL | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 3319 | 05/21/21 09:00 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 3367 | 05/23/21 06:46 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 3301 | 05/20/21 19:23 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 3433 | 05/24/21 23:22 | CH | XEN MID |

Laboratory References:

Released to Imaging: 3/11/2024 3:23:55 PM

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: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Xenco, Midland

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

| Authority | P | rogram | Identification Number | Expiration Date |
|---|-------------|-------------------------------|--|--|
| Texas | N | IELAP | T104704400-20-21 | 06-30-21 |
| The following analyte the agency does not | | oort, but the laboratory is r | ot certified by the governing authority. | This list may include analytes for which |
| Analysis Method | Prep Method | Matrix | Analyte | |
| 8015B NM | 8015NM Prep | Solid | Total TPH | |
| 8021B | 5035 | Solid | Total BTEX | |

Method Summary

Client: Tetra Tech, Inc.

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1

SDG: Lea County, New Mexico

| 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

Released to Imaging: 3/11/2024 3:23:55 PM

Sample Summary

Client: Tetra Tech, Inc.

Project/Site: EOG - Rattle Snake To Bandit

Job ID: 880-2339-1 SDG: Lea County, New Mexico

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---------------|------------------|--------|----------------|----------------|---------|
| 880-2339-1 | H-1 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-2 | H-2 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-3 | H-3 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-4 | H-4 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-5 | H-5 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-6 | H-6 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-7 | H-7 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-8 | H-8 (0'-6") | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 6 |
| 880-2339-9 | AH-4 (0'-1') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 1 |
| 880-2339-10 | AH-4 (1'-1.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 1 - 1.5 |
| 880-2339-11 | AH-4 (2'-2.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 2 - 2.5 |
| 880-2339-12 | AH-4 (3'-3.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 3 - 3.5 |
| 880-2339-13 | AH-4 (4'-4.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 4 - 4.5 |
| 880-2339-14 | AH-4 (4.5'-5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 4.5 - 5 |
| 880-2339-15 | AH-5 (0'-1') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 1 |
| 880-2339-16 | AH-5 (1'-1.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 1 - 1.5 |
| 880-2339-17 | AH-5 (2'-2.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 2 - 2.5 |
| 880-2339-18 | AH-6 (0'-1') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 0 - 1 |
| 880-2339-19 | AH-6 (1'-1.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 1 - 1.5 |
| 880-2339-20 | AH-6 (2'-2.5') | Solid | 05/19/21 00:00 | 05/20/21 16:11 | 2 - 2.5 |
| 880-2339-21 | AH-1 (0'-1') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 0 - 1 |
| 880-2339-22 | AH-1 (1'-1.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 1 - 1.5 |
| 880-2339-23 | AH-1 (2'-2.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 2 - 2.5 |
| 880-2339-24 | AH-2 (0'-1') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 0 - 1 |
| 880-2339-25 | AH-2 (1'-1.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 1 - 1.5 |
| 880-2339-26 | AH-2 (2'-2.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 2 - 2.5 |
| 880-2339-27 | AH-3 (0'-1') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 0 - 1 |
| 880-2339-28 | AH-3 (1'-1.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 1 - 1.5 |
| 880-2339-29 | AH-3 (2'-2.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 2 - 2.5 |
| 880-2339-30 | AH-3 (2'-2.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 3 - 3.5 |
| 880-2339-31 | AH-3 (4'-4.5') | Solid | 05/20/21 00:00 | 05/20/21 16:11 | 4 - 4.5 |









| | | 4 |
|------|--|-----|
| | | |
| Page | | 1.0 |

| | Tetra Tech, Inc | | 401 N Tel | Big Spring Street, St fidland, Texas 79705 (432) 682-4559 (432) 682-3946 | 880-2339 0 | Chain o | of Custody | | | | 1 | 'age | | | <u>1</u> of | - |
|--|-----------------------------|---------------------------|--------------|---|---------------|------------|---|---------------------------------------|----------------|---|-------------------------|----------|----------|---|-------------|---|
| lient Name | EOG | Site Manager [,] | Brittany | Long | | T | | | | S REC | | | | | | |
| roject Name | Rattle Snake To Bandit | | | | | ┨, | (Circle | e or (| Spe | cify N | /leth | od | No. |) | | i |
| oject Location ounty, state) | Lea County, New Mexico | Project #: | 212C | -MD-01861 | | | | | | | | ì | | list) | | |
| voice to | EOG, Attention Galan Kelley | - | | | | | 5 9 | | | | | | 1 1. | g | | |
| ceiving Labo | | Sampler Signature | Colto | n Bickerstaff | | 1 | (O) Se Hg b Se Hg | | | | | | | attache | | ı |
| omments | | | | | | BTEX 8260B | TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Ss TCLP Metals Ag As Ba Cd Cr Pb S | | 24 | 8270C/625 | | | | stry (see | | |
| | | SAMPLING | MATRIX | PRESERVATIVE METHOD | 'RS (/N) | BTEX | TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - PAH 8270C Total Metals Ag As Ba Cd Cr | solatiles | 260B / 63 | GC/MS Semi Vol 8270C/ PCB s 8082 / 608 | | | Sulfate | General Water Chemistry Anion/Cation Balance | | : |
| LAB# | SAMPLE IDENTIFICATION | YEAR | ~ | | AINE ED (Y | 021B | 1005 15M (70C tals A | olatiles mi Vo | 8 | semi 082 / 1 |) ad | 200 | S : | Wate | | ı |
| LAB USE ONLY | | DATE | WATER | HCL HNO ₃ ICE | #CONTAINERS | BTEX 8021B | TPH TX TPH 80 PAH 82 Total Me | TCLP Volatiles TCLP Semi Volatiles | RCI GC/MS \ | GC/MS S | NORM Pi M (Ashestos) | Chloride | Chloride | Seneral Anion/Ca | Asbestos | I |
| | H-1 (0"-6") | 5/19/2021 | X | X | 1 N | _ | X | | | | 1 | X | H | 7 | ++ | |
| | H-2 (0"-6") | 5/19/2021 | X | X | 1 N | X | X | | П | | 11 | Х | П | | | |
| | H-3 (0"-6") | 5/19/2021 | X | X | 1 N | X | X | П | П | | Π | X | \sqcap | \top | 77 | |
| ······································ | H-4 (0"-6") | 5/19/2021 | X | X | 1 N | X | X | | | | | Х | П | \Box | \top | |
| | H-5 (0"-6") | 5/19/2021 | X | × | 1 N | X | X | | П | | \prod | X | | \prod | $\top \top$ | _ |
| | H-6 (0"-6") | 5/19/2021 | X | X | 1 N | X | X | | П | | | Х | | 11 | | |
| | H-7 (0"-6") | 5/19/2021 | X | X | 1 N | X | X | | П | | | Х | П | TT | \Box | _ |
| ······ | H-8 (0"-6") | 5/19/2021 | X | x | 1 N | X | X | | | | | X | П | 11 | | _ |
| | AH-4 (0'-1') | 5/19/2021 | X | X | 1 N | X | X | | | | TT | Х | П | 11 | 11 | |
| nquished by | AH-4 (1'-1 5') | 5/19/2021 | X | x | 1 N | Х | X | | | | | X | \prod | 11 | 11 | |
| ton Bickerst | aff 5/20/21 | Received by | 1 5/ | Date Time 20 21 | 1611 | | LAB USE ONLY | REMA | RKS | | | | | | <u> </u> | |
| inquished by | | Received by | | Date Time | | Sam 2 | Piple Temperature | | _ | | | | | 48 hr | 72 hr | |
| nquished by | y Date Time | Received by | | Date Time | | | 10.5 | | - | Charge al Repo | | | | P Repo | rt | |
| | | | | | | _ | cle) HAND DELIVE | <u> </u> | | | | | | | | |

Received by OCD: 11/26/2023 4:10:17 PM

| | Tetra Tech. Inc | • | | | 1 Midi Tel (4 | g Spring S land,Texa 132) 682-4 132) 682-3 | s 79705 559 | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------------------|--------------|-------------------------------------|----------|------------------|---|----------------|---|--------------|----------------|--|------------------|---|-------------------------------------|------------------|--------------|-----------------|------------------------------------|-----------|----------------|---------------|----------------|----------------------------------|----------|---------------|
| lient Name | EOG | Site Manager | • | Britta | ny L | ong | | | | | | | | | | | | REC | | | | | | | |
| roject Name | Rattle Snake To Bandit | | | | | | | • | | | 1 | 1 1 | (Ci | rcle | or I | Sp. | ecit | fy N | /leti | hod I | No | ·.) I I | ſ | l I | ı |
| roject Location county, state) | Lea County, New Mexico | Project #: | | 21 | 2C-I | MD-01 | 861 | | | | 1 | | | | | | | | | | | ₽. | | | |
| voice to | EOG, Attention Galan Kelley | | | | | | | | | | | | ع | s £ | | | | | | | | attached list) | | | |
| eceiving Labor | | Sampler Sign | ature | Co | olton | Bicke | rstaff | | | | 1 | RO) | A S. H | eS d | | | | | | | | e attac | | | |
| omments | | | | | | | | | | | 8260B |)RO - 0 | 20 | CdCr | | | 624 | 8270C/625 | | | TDS | stry (see | | | |
| | | SAMF | SAMPLING MATRIX PRESERVATIVE METHOD | | | | | | | | (8021B BTEX 82 TX1005 (Ext to C35) | GRO - DRO - ORO) | PAH 8270C Total Metals An As Ba Cd Cr Ph Se Ho | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | iles | 2010 | 8260B / 6 | Vol 827 508 | | · | Sulfate | Chemi | Anion/Cation Balance Asbestos | | |
| LAB# | SAMPLE IDENTIFICATION | YEAR. | | <u>س</u> | | | | | AINE | ED (7 | 021B 1005 | 1~1 | 8270C | etals A | latiles | | No | Semi 7082 / 6 | | pestos | Su | Water | ation s | | |
| LAB USE ONLY | | DATE | TIME | WATER | | HCL HNO ₃ | E CE | | # CONTAINERS | FILTERED (Y/N) | BTEX 8021B TPH TX1005 | | AH 82 | CLP M | CLP Vo | 2 2 | GC/MS Vol 8260B | GC/MS Semi Vol PCB's 8082 / 608 | NORM | PLM (Asbestos) | Chloride | eneral | sbesto | | 3 |
| | AH-4 (2'-2 5') | 5/19/2021 | | X | | | X | | 1 | N | X | X | | + | - - | - 12 | | 9 L | Z | X | 191 | 10. | [ح | \vdash | + |
| | AH-4 (3'-3 5') | 5/19/2021 | | X | - | | x | | 1 | N | X | X | \top | | T | | H | \top | \forall | X | _ | H | + | \vdash | + |
| | AH-4 (4'-4 5') | 5/19/2021 | | X | | | x | | 1 | N | X | X | | | | 1 | \Box | 十 | \forall | X | _ | 廿 | _ | H | $\overline{}$ |
| | AH-4 (4 5'-5') | 5/19/2021 | | X | | | X | T | 1 | N | X | X | | \top | \Box | 十 | T | \top | \top | l x | _ | H | + | T | |
| | AH-5 (0'-1') | 5/19/2021 | | X | | | Х | | 1 | N | X | X | | 1 | | 1 | TT | \top | \forall | l x | _ | H | + | \sqcap | |
| | AH-5 (1'-1 5') | 5/19/2021 | | Х | | | X | | 1 | N | Х | х | | | | | П | \top | \top | X | _ | H | + | \Box | |
| | AH-5 (2'-2 5') | 5/19/2021 | | Х | | | Х | | 1 | N | X | X | | | | | П | T | \top | X | 一 | \Box | T | | \top |
| | AH-6 (0'-1') | 5/19/2021 | | Х | | | Х | | 1 | N | X | X | | | | | П | \top | \top | X | - | H | T | | 1 |
| | AH-6 (1'-1 5') | 5/19/2021 | | Х | | | Х | | 1 | N | X | X | | | | | | | \top | \ \ | \mathcal{T} | П | | | 十 |
| | AH-6 (2'-2 5') | 5/19/2021 | | X | | | Х | | 1 | N | Х | X | | | | T | | | T | \ \ \ | T | \sqcap | | П | 十 |
| elinquished by olton Bickerst | | Received by | 1000 | | | 20 f | Time 21 | ١ | 61 | 1 | L | AB ON | | | REM | ARK | S | Hamal Andrews | | | | | | _ | |
| elinquished by | Date Time | Received by | | | Ь | ate | Time | | | | Sampl | e Tem | perati | ure | | _ | | | | ay 24 | | 48 h | ır (72 | ! hr | |
| elinquished by | Date Time | Received by | • | | D | ate | Time | | | | 12 | - I | 11. | 7 | | _ | | | | ıthorız | | | | | |
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| | Tet | ra Tech. Inc. | | | | | dland, (432) 6 | | 9705 9 | | | | | | | | _ | | | | | | | | | |
|--------------------------------|----------------|----------------------|--|-------|--|-------|-------------------|------|-----------|--------------|----------------|--------------------------|---------------|----------------------|--|----------------|----------|-------------------------|--------------------------------|---------|----------------------------|----------------|-----------------------|-----------|----------|-----------|
| lient Name | EOG | | Site Manager | • | Britt | any L | ong |] | | | | | <u></u> | | | | | | REC | | | | | | | |
| oject Name | Rattle Snak | e To Bandıt | | | | | | | | | | 1 . | ı | (C | Irci I | e or I I | Sp I | eci [.] I I | fy N | fleti | hod I I | No | .) | 1 | 1 1 | Į |
| oject Locatio ounty, state) | Lea County, | New Mexico | Project #: | | 2 | 12C- | MD. | -018 | 61 | | | 1 | | | | | | | | | | | | | | |
| voice to | | ₩ | | | | | | | | | | ┫╽ | | | | | | | | | i | | d list) | | | |
| ceiving Labo | EOG, Attent | tion_Galan Kelley | Sampler Sign | ature | | | | | | | | 4 | | | e rig | | | | | | | | attached | | | |
| | Eurofins Xer | nco | | | С | oltor | n Bio | kers | taff | | | | JRO) | | 2 S | | | | | | | | see at | | | |
| mments | | | | | | | | | | | | 8260 | 380-(S | | As Ba Cd Cr Pb Se Hg As Ba Cd Cr Pb Se Hg | | | 42 | 8270C/625 | | | TDS | stry (| | İ | |
| | | | SAMPLING MATRIX PRESERVATIVE METHOD SAMPLING | | | | | | | | BTEX | 8015M (GRO - DRO - ORO) | | Ag As Ba Ag As Ba | 1 13 | volatiles | 1998 | و <u>8</u> | | | fate | Che | a a a a i | | | |
| LAB# | SAMPL | E IDENTIFICATION | YEAR. | | | | | | | INE! | 3 | 21B |) N | ပ္ပ | als Agails | atiles | 2 | 8 | 97 Z8 | | estos | Sul | Water | 2 | il | |
| LAB USE ONLY | | | DATE | TIME | WATER | | 호 | HNO3 | 3 | # CONTAINERS | FILTERED (Y/N) | BTEX 8021B | | | rotal Metals | TCLP Volatiles | RCI | C/MS Vc | GC/MS Semi \ PCB s 8082 / 6 | ORM | PLM (Asbestos) Chloride | Chloride | General Water | Asbestos | | |
| | AH-1 (0'-1') | | 5/20/2021 | | | _ | - | 7 | | 1 | N | X | X | | + | | - ~ | 0 | 3 LT | 2 | Σ | | 9 < | 4 | \vdash | \dashv |
| | AH-1 (1'-1 5') | | 5/20/2021 | | 7 | _ | | 7 | | 1 | N | X | $\frac{1}{x}$ | T | + | TT | + | H | \top | +- | X | | \vdash | + | \vdash | \dashv |
| | AH-1 (2'-2 5') | | | | | | | | | N | x | T _X | IT | + | | + | П | \top | # | X | - | 十 | + | \vdash | \dashv | |
| | AH-2 (0'-1') | | 5/20/2021 | | > | | | 7 | | 1 | N | X | X | \Box | + | \sqcap | † | П | \top | + | X | $\overline{}$ | 十 | \forall | 十 | \dashv |
| | AH-2 (1'-1 5') | | 5/20/2021 | | > | (| |) | < | 1 | N | X | X | | | | T | | \top | 77 | Ηx | $\overline{}$ | \top | + | | \dashv |
| | AH-2 (2'-2 5') | | 5/20/2021 | | > | | |) | < | 1 | N | X | X | П | | П | | П | \top | 77 | Ι× | <i>,</i> | \sqcap | \top | \sqcap | \exists |
| ···· | AH-3 (0'-1') | | 5/20/2021 | | > | | | > | < | 1 | N | X | X | | T | П | \top | П | | | Х | \Box | \sqcap | \forall | \sqcap | ┪ |
| | AH-3 (1'-1 5') | | 5/20/2021 | |) | | | > | < | 1 | N | X | Х | П | | | | Ħ | T | | Х | | 十 | | \sqcap | \exists |
| | AH-3 (2'-2 5') | | 5/20/2021 | |) | | | > | < | 1 | N | Х | Х | | | | | | | | X | $\langle \Box$ | \sqcap | 11 | \sqcap | \neg |
| linguished b | AH-3 (3-3 5') | Data | 5/20/2021 | | <u> </u> | | | | | 1 | N | X | X | | | | | | \prod | | X | | | | \sqcap | \Box |
| Iton Bickers | aff | Date Time 5/20/21 | Received by | MA | 5 | 2 | Oate O | | Time | ell | | · | | USI ILY | = | REN | IARK | s· | | | | | | | | |
| linquished b | y | Date Time | Received by | | | | Date | | Time | | | Samp | le Ter | nperat | ture | 2 | ∏RU | JSH | Sam | ne Da | ay 24 | 4 hr | 48 h | 72 | hr | |
| linquished b | у | Date Time | Received by | | | | Date | ī | Time | | | ქ ბ | .~1 | 14. | 4 | | Rı | sh C | harge | es Au | ıthoriz | ed | | | | |
| | | | | | | | | | ····· | | | - | 10 | ٠, ح | 5 | |]sp | ecial | Repo | ort Lii | mits o | r TRF | ∛P Re | port | | |
| | | | ORIGINAI | | | | | | | | | (Circle | e) HA | ND DI | ELIVE | RED | FEDI | ΞX ι | JPS | Trac | king # | | | • | - | |

| Rattle Snake To Bandit Diject Location unty, state) Lea County, New Mexico EOG, Attention Galan Kelley Eurofins Xenco Brittany Long ANALYSIS REQUEST (Circle or Specify Method No.) Circle or Specify Method No. | | Tetra Tech. Inc. | | | | | diand, (432) (| ring Stree Texas 79 682-4559 682-3949 | 9705 1 | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|-----------------------------|--------------|-------|----------------|----------|--|--|-----------|-----|--------|----------|----------------|----------|----------|----------|----------|----------|-------------|--|-------------|----------|---------------|-------------------------|------------|----------|---------------|----------|--------------|
| Reality Sharks 10 sands Lea County, New Mexico Project II: 212C-MD-01861 | ient Name | EOG | Site Manager | | Brit | tany L | .ong |) | | | | | | | | Λ: | | | | | | | | | 2.1 | | | - | |
| Sampler Signature Colton Bickerstaff Sampler Signature Sampler Signature Colton Bickerstaff Sampler Signature Sa | | Rattle Snake To Bandıt | | | | | | | | | | | 1 , | 1 | | | cie H | or | . ab | ec | ity | IVIE | rtnc | oa i | no. H | ·) | | | 1 |
| EOG, Attention Galan Kelley Sampler Signature Colton Bickerstaff Sampl | oject Location ounty, state) | Lea County, New Mexico | Project #: | | | 212C- | MD | -0186 | 61 | | | | 1 | | | | | | | | | | | | | اچ اچ | | | |
| AH-3 (4'-4 5') 5/20/2021 X | oice to | EOG, Attention Galan Kelley | | | | | | | | | | | 1 | ľ | | <u>6</u> | ₽ P | | | | | | | | | thed lis | | | |
| AH-3 (4'-4 5') 5/20/2021 X | | atory | Sampler Sign | ature | | Coltor | Вю | ckers | aff | | | | 1 | á | ĝ | b Se H | Pb Se | | | | | | | | | e attac | | | |
| AH-3 (4'-4 5') 5/20/2021 X | mments | | | | | | | | | | •••••• | | 8260B | 35) | 0-036 | Cd Cr P | ro bo | | | 24 | 0C/625 | | | | SQL | stry (se | | | |
| AH-3 (4'-4 5') 5/20/2021 X | | | SAMF | PLING | MA | ATRIX | | | | = [| RS | ξ | BTEX | Ext to C | GRO - L | g As Ba | g As Ba | 5 | atiles | 360E | ਫ਼ | 808 | | | lfate _ | Chemi | | | |
| AH-3 (4'-4 5') Si20/2021 | LAB# | SAMPLE IDENTIFICATION | YEAR. | | ~ | | | | | | AINE | ED (Y | 021B | 1005 | 15M (| tals A | etals A | olatiles | o N E | Vol 8 | Semi \ | 082 / 6 | bestos | | Su | Water | s | | |
| AH-3 (4'-4 5') 5/20/2021 X | | | DATE | TIME | NATE | lg Jg | 之 | S S L S L S | | ı | CONT | ILTER | TEX 8 | X H | PH 80 | otal Me | CLP M | CLP Ve | | C/MS | C/MS | CBs 8 | CKM LM (As | hloride | hloride | eneral | spesto | | |
| Inquished by Date Time Received by Date Time | | AH-3 (4'-4 5') | | | | | | | _ | | | _ | 1 | _ | _ | <u> </u> | - | | - m | . 10 | 0 | <u> </u> | <u> </u> | | H | 0 4 | . ∢ | | + |
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| inquished by Date Time Received by Rush Charges Authorized | | | | | T | | <u> </u> | | H | | | <u> </u> | \blacksquare | | \dashv | | | | _ | ╁ | \vdash | + | 十 | + | H | + | + | \vdash | + |
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| Inquished by Date Time Received by Date Time | | | | | \bot | | <u> </u> | | 11 | _ | | | Ц | | \perp | | | | | | | | \perp | $oldsymbol{\perp}$ | Ш | \perp | | | \prod |
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| Received by Date Time | | | | | | | | | | | | | | | 0 | الما | الم | Г | ¬⊓R | ush (| Char | oes. | Auth | orize | ad. | | | | |
| Special Report Limits or TRRP Report | inquished by | Date Time | Received by | | | Ē | Date | T | ime | | | * | | | _ | ۳. | 1 | _ | | | | | | | | | | | |
| | | | | | | | | | | | | | | 4 | ٥. | 5 | | L | _Js | pecia | al Re | eport | Limit | is or | TRR | P Re | port | | |

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-2339-1

SDG Number: Lea County, New Mexico

List Source: Eurofins Xenco, Midland

Login Number: 2339 List Number: 1

Creator: Phillips, Kerianna

| 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 time on COC or sample containers |
| 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 | |

Released to Imaging: 3/11/2024 3:23:55 PM



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-3879-1

Laboratory Sample Delivery Group: Lea County, New Mexico

Client Project/Site: Rattle Snake To Bandit

For:

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

Attn: Clair Gonzales

JURAMER

Authorized for release by: 7/15/2021 8:56:57 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 3/11/2024 3:23:55 PM

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.

1

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10

12

Client: Tetra Tech, Inc. Project/Site: Rattle Snake To Bandit Laboratory Job ID: 880-3879-1 SDG: Lea County, New Mexico

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Definitions/Glossary

Job ID: 880-3879-1 Client: Tetra Tech, Inc. Project/Site: Rattle Snake To Bandit

SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier **Qualifier Description**

S1-Surrogate recovery exceeds control limits, low biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

Detection Limit (DoD/DOE) DL

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 Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NFG 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)

Relative Percent Difference, a measure of the relative difference between two points RPD

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Tetra Tech, Inc.

Project/Site: Rattle Snake To Bandit

Job ID: 880-3879-1

SDG: Lea County, New Mexico

Job ID: 880-3879-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-3879-1

Receipt

The samples were received on 7/9/2021 4:18 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 5.6°C

GC VOA

Method 8021B: Re-analysis was performed from previous run on analytical batch 5063. Run confirms results. AH-1 (0'-1') (880-3879-1), AH-1 (1'-1.5) (880-3879-2), AH-1 (2'-2.5') (880-3879-3), (CCV 880-5089/20) and (880-3880-A-11-E)

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.

Job ID: 880-3879-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-3879-1

Matrix: Solid

Client Sample ID: AH-1 (0'-1') Date Collected: 07/08/21 00:00

Project/Site: Rattle Snake To Bandit

Date Received: 07/09/21 16:18

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104 | - | 70 - 130 | | | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 07/12/21 11:34 | 07/12/21 17:56 | 1 |

| Method: 8015B NM - Diesel Rang | ge Organics (D | RO) (GC) | | | | | | | |
|-----------------------------------|----------------|-----------|--------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:16 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:16 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:16 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | | | | | | | 07/10/21 11:09 | 07/11/21 03:16 | 1 |
| o-Terphenyl | | | | | | | 07/10/21 11:09 | 07/11/21 03:16 | 1 |

| Method: 300.0 - Anions, Ion Chro | matography - Soluble | | | | | | |
|----------------------------------|----------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 6.44 | 4.99 | mg/Kg | | | 07/15/21 17:28 | 1 |

Client Sample ID: AH-1 (1'-1.5) Lab Sample ID: 880-3879-2 Date Collected: 07/08/21 00:00 **Matrix: Solid**

Date Received: 07/09/21 16:18

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|------------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 | | | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| 1,4-Difluorobenzene (Surr) | 86 | | 70 - 130 | | | | 07/12/21 11:34 | 07/12/21 18:22 | 1 |
| Method: 8015B NM - Diesel Ra | ange Organics (D | RO) (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 | | 07/10/21 11:09 | 07/11/21 03:36 | 1 |

Client: Tetra Tech, Inc. Job ID: 880-3879-1 Project/Site: Rattle Snake To Bandit SDG: Lea County, New Mexico

Client Sample ID: AH-1 (1'-1.5)

Date Collected: 07/08/21 00:00 Date Received: 07/09/21 16:18 Lab Sample ID: 880-3879-2

Matrix: Solid

| Method: 8015B NM - Diesel Rang | ge Organics (D | RO) (GC) (0 | 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 | | 07/10/21 11:09 | 07/11/21 03:36 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:36 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | | | | | | | 07/10/21 11:09 | 07/11/21 03:36 | 1 |

| Method: 300.0 - Anions, Ion Chron | natography - S | Soluble | | | | | | | |
|-----------------------------------|----------------|-----------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 5.90 | | 4.95 | | mg/Kg | | | 07/15/21 17:34 | 1 |

Client Sample ID: AH-1 (2'-2.5')

Date Collected: 07/08/21 00:00

o-Terphenyl

Lab Sample ID: 880-3879-3

07/10/21 11:09 07/11/21 03:36

Matrix: Solid

Date Received: 07/09/21 16:18

| Method: 8021B - Volatile Org | janic Compounds (C | GC) | | | | | | | |
|------------------------------|--------------------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| | | | | | | | | | |

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|---------------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 94 | 70 - 130 | 07/12/21 11:34 | 07/12/21 18:49 | 1 |
| 1,4-Difluorobenzene (Surr) | 88 | 70 - 130 | 07/12/21 11:34 | 07/12/21 18:49 | 1 |

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

| Metriod. 00 13D MM - Dieser Kang | Je Organics (D | (GC) | | | | | | | |
|-----------------------------------|----------------|-----------|--------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.9 | U | 49.9 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:57 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.9 | U | 49.9 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:57 | 1 |
| C10-C28) | | | | | | | | | |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:57 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 07/10/21 11:09 | 07/11/21 03:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | | | | | | | 07/10/21 11:09 | 07/11/21 03:57 | 1 |
| o-Terphenyl | | | | | | | 07/10/21 11:09 | 07/11/21 03:57 | 1 |
| | | | | | | | | | |

| Method: 300.0 - Anions, Ion Chron | natography - Soluble | | | | | | |
|-----------------------------------|----------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 5.73 | 4.96 | mg/Kg | | | 07/15/21 17:50 | 1 |

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-3879-1

Project/Site: Rattle Snake To Bandit

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

| - | | | | Percent Surrogate Red |
|-------------------------|------------------------|----------|----------|-----------------------|
| | | BFB1 | DFBZ1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-3879-1 | AH-1 (0'-1') | 104 | 100 | |
| 880-3879-2 | AH-1 (1'-1.5) | 88 | 86 | |
| 880-3879-3 | AH-1 (2'-2.5') | 94 | 88 | |
| LCS 880-5090/1-A | Lab Control Sample | 91 | 102 | |
| LCSD 880-5090/2-A | Lab Control Sample Dup | 94 | 100 | |
| MB 880-5090/5-A | Method Blank | 64 S1- | 83 | |
| Surrogate Legend | | | | |
| BFB = 4-Bromofluorober | nzene (Surr) | | | |
| DFBZ = 1,4-Difluorobenz | zene (Surr) | | | |

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

Matrix: Solid Prep Type: Total/NA

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------|------|-------|--|
| | | 1CO1 | OTPH1 | |
| Lab Sample ID | Client Sample ID | | | |
| 880-3879-1 | AH-1 (0'-1') | | | |
| 880-3879-2 | AH-1 (1'-1.5) | | | |
| 880-3879-3 | AH-1 (2'-2.5') | | | |
| Surrogate Legend | | | | |
| 1CO = 1-Chlorooctane | | | | |
| OTPH = o-Terphenyl | | | | |

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

Matrix: Solid Prep Type: Total/NA

| | | | | Percent Surrogate Recovery (Acceptance Limits |
|----------------------|------------------------|----------|----------|---|
| | | 1001 | OTPH1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| LCS 880-5029/2-A | Lab Control Sample | 87 | 94 | |
| LCSD 880-5029/3-A | Lab Control Sample Dup | 86 | 95 | |
| MB 880-5029/1-A | Method Blank | 102 | 127 | |
| Surrogate Legend | | | | |
| 1CO = 1-Chlorooctane | | | | |
| OTPH = o-Terphenyl | | | | |

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-3879-1 Project/Site: Rattle Snake To Bandit SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5090/5-A

Matrix: Solid

Analysis Batch: 5089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5090

| | IVID | INID | | | | | | | |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|--------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 15:00 | |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 15:00 | |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 15:00 | |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 15:00 | |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 15:00 | |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 15:00 | |
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | 07/12/21 11:34 | 07/12/21 15:00 | |
| | | | | | | | | | |

MB MB

MD MD

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 64 | S1- | 70 - 130 | 07/12/21 11:34 | 07/12/21 15:00 | 1 |
| 1,4-Difluorobenzene (Surr) | 83 | | 70 - 130 | 07/12/21 11:34 | 07/12/21 15:00 | 1 |

Lab Sample ID: LCS 880-5090/1-A

Matrix: Solid

Analysis Batch: 5089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 5090

| | Spike | LCS | LCS | | | | %Rec. | |
|---------------------|-------|---------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.100 | 0.09946 | | mg/Kg | | 99 | 70 - 130 | |
| Toluene | 0.100 | 0.09449 | | mg/Kg | | 94 | 70 - 130 | |
| Ethylbenzene | 0.100 | 0.1108 | | mg/Kg | | 111 | 70 - 130 | |
| m-Xylene & p-Xylene | 0.200 | 0.1952 | | mg/Kg | | 98 | 70 - 130 | |
| o-Xylene | 0.100 | 0.09618 | | mg/Kg | | 96 | 70 - 130 | |
| | | | | | | | | |

LCS LCS

| Surrogate | %Recovery Qualifier | Limits |
|-----------------------------|---------------------|----------|
| 4-Bromofluorobenzene (Surr) | 91 | 70 _ 130 |
| 1 4-Difluorobenzene (Surr) | 102 | 70 - 130 |

Lab Sample ID: LCSD 880-5090/2-A

Matrix: Solid

Analysis Batch: 5089

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5090

| | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|---------------------|-------|---------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.09172 | | mg/Kg | | 92 | 70 - 130 | 8 | 35 |
| Toluene | 0.100 | 0.08959 | | mg/Kg | | 90 | 70 - 130 | 5 | 35 |
| Ethylbenzene | 0.100 | 0.1021 | | mg/Kg | | 102 | 70 - 130 | 8 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1806 | | mg/Kg | | 90 | 70 - 130 | 8 | 35 |
| o-Xylene | 0.100 | 0.09059 | | mg/Kg | | 91 | 70 - 130 | 6 | 35 |

LCSD LCSD

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

QC Sample Results

Job ID: 880-3879-1 Client: Tetra Tech, Inc. Project/Site: Rattle Snake To Bandit SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-5029/1-A

Matrix: Solid

Analysis Batch: 5056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5029

| | MB | MB | | | | | | | |
|-----------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 07/09/21 11:09 | 07/10/21 21:44 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 07/09/21 11:09 | 07/10/21 21:44 | 1 |
| C10-C28) | | | | | | | | | |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 07/09/21 11:09 | 07/10/21 21:44 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 07/09/21 11:09 | 07/10/21 21:44 | 1 |
| | | | | | | | | | |

MB MB

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 102 | | 70 - 130 | 07/09/21 11:09 | 07/10/21 21:44 | 1 |
| o-Terphenyl | 127 | | 70 - 130 | 07/09/21 11:09 | 07/10/21 21:44 | 1 |

Lab Sample ID: LCS 880-5029/2-A

Matrix: Solid

Analysis Batch: 5056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5029

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 930.5 93 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1097 mg/Kg 110 70 - 130 C10-C28)

LCS LCS

| Surrogate | %Recovery | Qualifier | Limits |
|----------------|-----------|-----------|----------|
| 1-Chlorooctane | 87 | | 70 - 130 |
| o-Terphenyl | 94 | | 70 - 130 |

Lab Sample ID: LCSD 880-5029/3-A

Matrix: Solid

Analysis Batch: 5056

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5029

LCSD LCSD RPD Spike %Rec. Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 979.6 98 70 - 13020 Gasoline Range Organics mg/Kg 5 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1070 107 mg/Kg 70 - 1302 20 C10-C28)

LCSD LCSD %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 86 70 - 130 o-Terphenyl 95

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5073/1-A

Matrix: Solid

Analyte

Chloride

Analysis Batch: 5234

Client Sample ID: Method Blank

Prep Type: Soluble

MB MB

Result Qualifier <5.00 U

RL 5.00 MDL Unit mg/Kg

D Prepared

Analyzed 07/15/21 15:40

Dil Fac

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-3879-1 Project/Site: Rattle Snake To Bandit SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-5073/2-A **Matrix: Solid Prep Type: Soluble Analysis Batch: 5234**

Spike LCS LCS %Rec. Added Result Qualifier Analyte Unit %Rec Limits Chloride 250 253.4 mg/Kg 101 90 - 110

Lab Sample ID: LCSD 880-5073/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 5234 Spike LCSD LCSD %Rec. RPD

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

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 880-3879-1

Project/Site: Rattle Snake To Bandit

SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 5089

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-3879-1 | AH-1 (0'-1') | Total/NA | Solid | 8021B | 5090 |
| 880-3879-2 | AH-1 (1'-1.5) | Total/NA | Solid | 8021B | 5090 |
| 880-3879-3 | AH-1 (2'-2.5') | Total/NA | Solid | 8021B | 5090 |
| MB 880-5090/5-A | Method Blank | Total/NA | Solid | 8021B | 5090 |
| LCS 880-5090/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 5090 |
| LCSD 880-5090/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 5090 |

Prep Batch: 5090

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batc |
|-------------------|------------------------|-----------|--------|--------|-----------|
| 880-3879-1 | AH-1 (0'-1') | Total/NA | Solid | 5035 | |
| 880-3879-2 | AH-1 (1'-1.5) | Total/NA | Solid | 5035 | |
| 880-3879-3 | AH-1 (2'-2.5') | Total/NA | Solid | 5035 | |
| MB 880-5090/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-5090/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-5090/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

GC Semi VOA

Prep Batch: 5029

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 880-3879-1 | AH-1 (0'-1') | Total/NA | Solid | 8015NM Prep | |
| 880-3879-2 | AH-1 (1'-1.5) | Total/NA | Solid | 8015NM Prep | |
| 880-3879-3 | AH-1 (2'-2.5') | Total/NA | Solid | 8015NM Prep | |
| MB 880-5029/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-5029/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-5029/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 5056

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-3879-1 | AH-1 (0'-1') | Total/NA | Solid | 8015B NM | 5029 |
| 880-3879-2 | AH-1 (1'-1.5) | Total/NA | Solid | 8015B NM | 5029 |
| 880-3879-3 | AH-1 (2'-2.5') | Total/NA | Solid | 8015B NM | 5029 |
| MB 880-5029/1-A | Method Blank | Total/NA | Solid | 8015B NM | 5029 |
| LCS 880-5029/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 5029 |
| LCSD 880-5029/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 5029 |

HPLC/IC

Leach Batch: 5073

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-3879-1 | AH-1 (0'-1') | Soluble | Solid | DI Leach | |
| 880-3879-2 | AH-1 (1'-1.5) | Soluble | Solid | DI Leach | |
| 880-3879-3 | AH-1 (2'-2.5') | Soluble | Solid | DI Leach | |
| MB 880-5073/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-5073/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-5073/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Analysis Batch: 5234

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-3879-1 | AH-1 (0'-1') | Soluble | Solid | 300.0 | 5073 |
| 880-3879-2 | AH-1 (1'-1.5) | Soluble | Solid | 300.0 | 5073 |
| 880-3879-3 | AH-1 (2'-2.5') | Soluble | Solid | 300.0 | 5073 |

Eurofins Xenco, Midland

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QC Association Summary

Client: Tetra Tech, Inc. Job ID: 880-3879-1 Project/Site: Rattle Snake To Bandit SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 5234 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| MB 880-5073/1-A | Method Blank | Soluble | Solid | 300.0 | 5073 |
| LCS 880-5073/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 5073 |
| LCSD 880-5073/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 5073 |

Project/Site: Rattle Snake To Bandit

Date Received: 07/09/21 16:18

Job ID: 880-3879-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-3879-1 Client Sample ID: AH-1 (0'-1') Date Collected: 07/08/21 00:00

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 4.99 g 5 mL 5090 07/12/21 11:34 MR XEN MID Total/NA Analysis 8021B 1 5 mL 5 mL 5089 07/12/21 17:56 MR XEN MID Total/NA Prep 8015NM Prep 10.01 g 10 mL 5029 07/10/21 11:09 AM XEN MID Total/NA Analysis 8015B NM 1 5056 07/11/21 03:16 ΑJ XEN MID Soluble Leach DI Leach 5.01 g 50 mL 5073 07/12/21 09:54 СН XEN MID

5234

1

Client Sample ID: AH-1 (1'-1.5)

Analysis

300.0

Date Collected: 07/08/21 00:00 Date Received: 07/09/21 16:18

Soluble

Lab Sample ID: 880-3879-2

СН

07/15/21 17:28

Matrix: Solid

XEN MID

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 4.96 g 5 mL 5090 07/12/21 11:34 MR XEN MID 8021B Total/NA 5 mL 5089 07/12/21 18:22 MR XEN MID Analysis 1 5 mL Total/NA Prep 8015NM Prep 10.01 q 10 mL 5029 07/10/21 11:09 AM XEN MID Total/NA 8015B NM Analysis 1 5056 07/11/21 03:36 ΑJ XEN MID Soluble Leach DI Leach 5.05 g 50 mL 5073 07/12/21 09:54 СН XEN MID Soluble Analysis 300.0 1 5234 07/15/21 17:34 CH XEN MID

Client Sample ID: AH-1 (2'-2.5')

Date Collected: 07/08/21 00:00

Date Received: 07/09/21 16:18

Lab Sample ID: 880-3879-3

Matrix: Solid

| _ | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 5090 | 07/12/21 11:34 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 5089 | 07/12/21 18:49 | MR | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 5029 | 07/10/21 11:09 | AM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 5056 | 07/11/21 03:57 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 5073 | 07/12/21 09:54 | CH | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 5234 | 07/15/21 17:50 | 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.

Job ID: 880-3879-1

Project/Site: Rattle Snake To Bandit

SDG: Lea County, New Mexico

Laboratory: Eurofins Xenco, Midland

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

| Authority Texas | | rogram | Identification Number | Expiration Date |
|------------------------|-------------------------------|----------------------------------|---|-------------------------|
| | | ELAP | T104704400-20-21 | 06-30-22 |
| The following analytes | are included in this report h | ut the laboratory is not certifi | ed by the governing authority. This list ma | av include analytee f |
| the agency does not of | fer certification. | , | , , , | ay include analytes it |
| 0 , | | Matrix | Analyte | ay iliciude allaiytes i |
| the agency does not of | fer certification. | , | , , , | ay include analytes it |

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Method Summary

Client: Tetra Tech, Inc.

Project/Site: Rattle Snake To Bandit

Job ID: 880-3879-1

SDG: Lea County, New Mexico

| 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

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Sample Summary

Client: Tetra Tech, Inc.

Project/Site: Rattle Snake To Bandit

Job ID: 880-3879-1

SDG: Lea County, New Mexico

| Lab Sample ID Client Sample ID Matrix Collected Rec | eceived |
|---|------------|
| 880-3879-1 AH-1 (0'-1') Solid 07/08/21 00:00 07/09/ | 9/21 16:18 |
| 880-3879-2 AH-1 (1'-1.5) Solid 07/08/21 00:00 07/09/ | 9/21 16:18 |
| 880-3879-3 AH-1 (2'-2.5') Solid 07/08/21 00:00 07/09/ | 9/21 16:18 |

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-3879-1

SDG Number: Lea County, New Mexico

List Source: Eurofins Xenco, Midland

Login Number: 3879 List Number: 1 Creator: Teel, Brianna

| 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 | |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 288143

CONDITIONS

| Operator: | OGRID: |
|----------------------|---|
| EOG RESOURCES INC | 7377 |
| 5509 Champions Drive | Action Number: |
| Midland, TX 79706 | 288143 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|--|-------------------|
| nvelez | Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC. Release resolved. | 3/11/2024 |