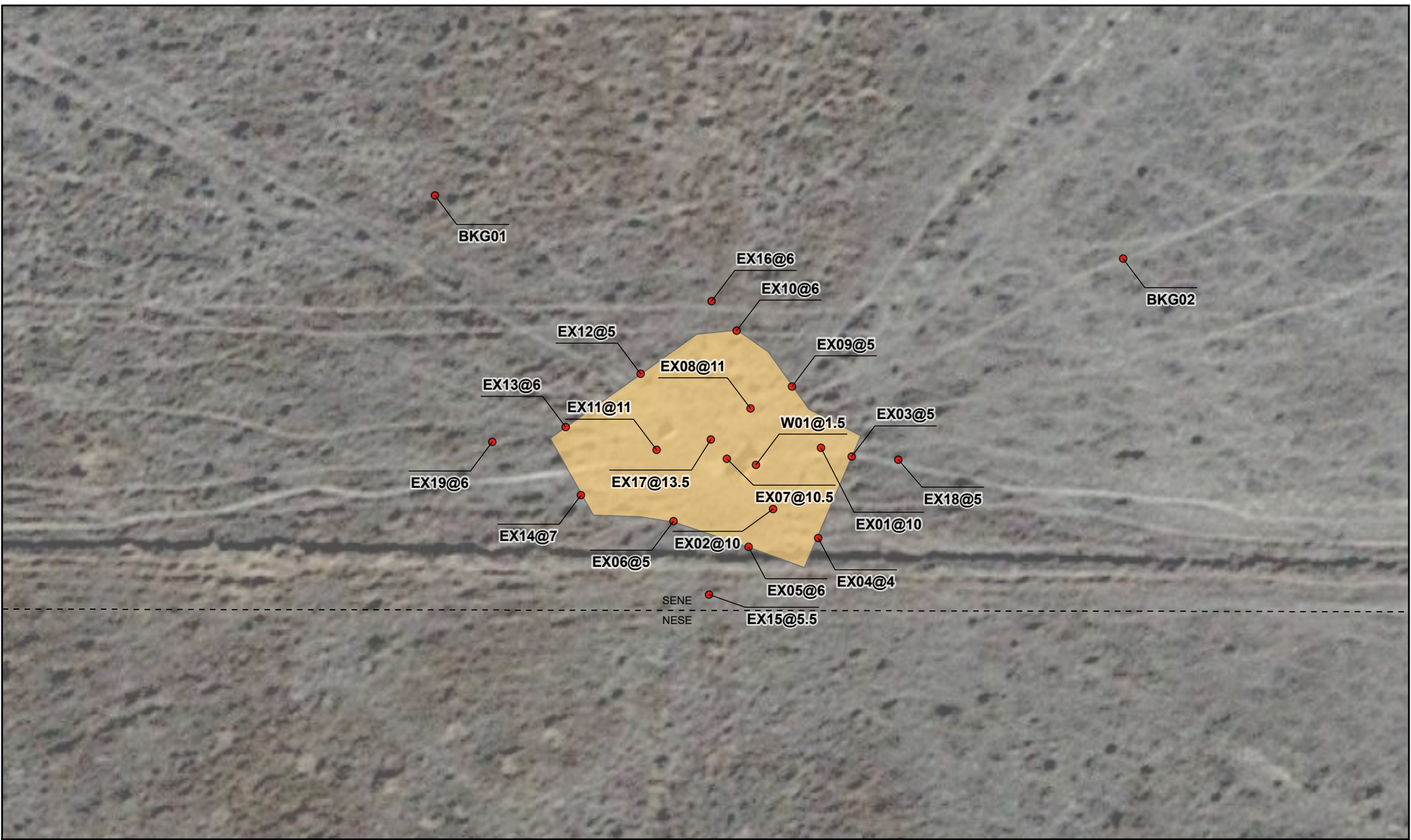


FIGURES



LEGEND

Soil Sample Location

Excavation

0

40

80

ft

1 inch = 40 ft

N

E

S

W

| | | | |
|---------------------|---|---|--------|
| Project No: 023-063 | <div>Rieke Sampling Diagram Summit Midstream SENE, Section 2, T10S R54W, 6th PM Logan County, Colorado</div> | <div><div>330 Grand Avenue, Unit C Grand Junction, CO 81501 970-549-1015</div></div> | Figure |
| Map By: NDB | | | 1 |
| Date: 12/4/2023 | | | |

TABLES

| | |
|---|--|
| <p style="text-align: center;">TABLE 1</p> <p style="text-align: center;">Soil Sample and Field Screening Information</p> <p style="text-align: center;">Reike Pipeline Leak. Logan County, CO</p> | |
|---|--|

[illegible]

Notes:

ft-bgs - feet below ground surface

TABLE 2
Soil Analytical Results Summary Table - Organics
Reike Pipeline Leak. Logan County, CO

| Sample Information | | | | BTEXN + TMBs | | | | | | | TPH | | | |
|--------------------|--------|-------------|---------------------|--------------|---------|---------------|---------------|-------------|-----------|-----------|-------|-------|-----|------|
| Sample ID | Depth | Sample Date | PID Field Screening | Benzene | Toluene | Ethyl-benzene | Total Xylenes | Naphthalene | 1,2,4-TMB | 1,3,5-TMB | GRO | DRO | ORO | TPH |
| Units --> | ft-bgs | mm/dd/yyyy | ppm | mg/kg | | | | | | | mg/kg | | | |
| COGCC RSSL --> | | | | 1.2 | 490 | 5.8 | 58 | 2 | 30 | 27 | 500 | 500 | 500 | 500 |
| COGCC GWSSL --> | | | | 0.0026 | 0.69 | 0.78 | 9.9 | 0.0038 | 0.0081 | 0.0087 | 500 | 500 | 500 | 500 |
| EX01@10 | 10 | 07/11/2023 | 9.1 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <0.50 | <50 | <500 |
| EX02@10 | 10 | 07/11/2023 | 7.3 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX03@5 | 5 | 07/11/2023 | 1.3 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX04@4 | 4 | 07/11/2023 | 6.0 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX05@6 | 6 | 07/12/2023 | 13.2 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX06@5 | 5 | 07/12/2023 | 17.6 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX07@10.5 | 10.5 | 07/12/2023 | 11.9 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX08@11 | 11 | 07/12/2023 | 23.3 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX09@5 | 5 | 07/12/2023 | 19.5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX10@6 | 6 | 07/12/2023 | 25.7 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <50 | <50 | <500 |
| EX11@11 | 11 | 7/19/2023 | 8.1 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <0.50 | <50 | <500 |
| EX12@5 | 5 | 7/19/2023 | 18.7 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <0.50 | <50 | <500 |
| EX13@6 | 6 | 7/19/2023 | 13.1 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <0.50 | <50 | <500 |
| EX14@7 | 7 | 7/19/2023 | 18.1 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <50 | <0.50 | <50 | <500 |
| EX15@5.5 | 5.5 | 8/16/2023 | 1.7 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0038 | <0.0050 | <0.0050 | <0.50 | <50 | <50 | <500 |
| EX16@6 | 6 | 8/16/2023 | 0.9 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0038 | <0.0050 | <0.0050 | <0.50 | <50 | <50 | <500 |
| EX17@13.5 | 13.5 | 8/16/2023 | 1.1 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0038 | <0.0050 | <0.0050 | <0.50 | <50 | <50 | <500 |
| EX18@5 | 5 | 8/16/2023 | 0.6 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0038 | <0.0050 | <0.0050 | <0.50 | <50 | <50 | <500 |
| EX19@6 | 6 | 8/16/2023 | 0.7 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0038 | <0.0050 | <0.0050 | <0.50 | <50 | <50 | <500 |

Notes:

Waste Characterization Sample

Removed by Excavation

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil Range Organics

TPH - Total Petroleum Hydrocarbons

PID - Photo Ionization Detector

TMB - Trimethylbenzene

ft-bgs - feet below ground surface

ppm - parts per million

COGCC - Colorado Oil and Gas Conservation Commission

BTEXN - Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene

RSSL - Residential Soil Screening Level

GWSSL - Groundwater Soil Screening Level

< - indicates result is below the laboratory reporting limit

mg/kg - milligrams per kilogram

2 - Rerun result

Red- Above COGCC Table 915-1 GWSSL

TABLE 3
Soil Analytical Results Summary Table - PAHs
Reike Pipeline Leak. Logan County, CO

| Sample Information | | | | PAHs | | | | | | | | | | | | | |
|--------------------|--------|-------------|---------------------|--------------|------------|--------------------|-----------------------|-----------------------|----------------|----------|------------------------|--------------|----------|------------------------|---------------------|---------------------|----------|
| Sample ID | Depth | Sample Date | PID Field Screening | Acenaphthene | Anthracene | Benz(a)-anthracene | Benzo(b)-fluoranthene | Benzo(k)-fluoranthene | Benzo(a)pyrene | Chrysene | Dibenzo(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-cd)pyrene | 1-methylnaphthalene | 2-methylnaphthalene | Pyrene |
| Units --> | ft-bgs | mm/dd/yyyy | ppm | mg/kg | | | | | | | | | | | | | |
| COGCC RSSL --> | | | | 360 | 1800 | 1.1 | 1.1 | 11 | 0.11 | 110 | 0.11 | 240 | 240 | 1.1 | 18 | 24 | 180 |
| COGCC GWSSL --> | | | | 0.55 | 5.8 | 0.011 | 0.3 | 2.9 | 0.24 | 9 | 0.096 | 8.9 | 0.54 | 0.98 | 0.006 | 0.019 | 1.3 |
| EX01@10 | 10 | 07/11/2023 | 9.1 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX02@10 | 10 | 07/11/2023 | 7.3 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX03@5 | 5 | 07/11/2023 | 1.3 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX04@4 | 4 | 07/11/2023 | 6.0 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX05@6 | 6 | 07/12/2023 | 13.2 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX06@5 | 5 | 07/12/2023 | 17.6 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | 0.00565 | <0.00500 | 0.00641 | <0.00500 | <0.00500 | <0.00500 |
| EX07@10.5 | 10.5 | 07/12/2023 | 11.9 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX08@11 | 11 | 07/12/2023 | 23.3 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX09@5 | 5 | 07/12/2023 | 19.5 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX10@6 | 6 | 07/12/2023 | 25.7 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX11@11 | 11 | 7/19/2023 | 8.1 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX12@5 | 5 | 7/19/2023 | 18.7 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX13@6 | 6 | 7/19/2023 | 13.1 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX14@7 | 7 | 7/19/2023 | 18.1 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX15@5.5 | 5.5 | 8/16/2023 | 1.7 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX16@6 | 6 | 8/16/2023 | 0.9 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX17@13.5 | 13.5 | 8/16/2023 | 1.1 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX18@5 | 5 | 8/16/2023 | 0.6 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |
| EX19@6 | 6 | 8/16/2023 | 0.7 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 |

Notes:

Waste Characterization Sample
 Removed by Excavation
 ft-bgs - feet below ground surface
 PID - Photo Ionization Detector
 ppm - parts per million
 mg/kg - milligrams per kilogram

Red- Above COGCC Table 915-1 GWSSL

COGCC - Colorado Oil and Gas Conservation Commission
 RSSL - Residential Soil Screening Level
 GWSSL - Groundwater Soil Screening Level
 < - indicates result is below the laboratory reporting limit
 NA - not analyzed
 1 - 5/25/22 PAH results were run out of holding time

TABLE 4
Soil Analytical Results Summary Table - Inorganics
Reike Pipeline Leak. Logan County, CO

| Sample Information | | | | Soil Suitability for Reclamation | | | | Metals in Soils | | | | | | | | | |
|--------------------|--------|-------------|---------------------|----------------------------------|----------|-----------|---------|-----------------|--------|---------|---------------|--------|------|--------|----------|---------|--------|
| Sample ID | Depth | Sample Date | PID Field Screening | EC | SAR | pH | Boron | Arsenic | Barium | Cadmium | Chromium (VI) | Copper | Lead | Nickel | Selenium | Silver | Zinc |
| Units --> | ft-bgs | mm/dd/yyyy | ppm | mmhos/cm | Unitless | Unitless | mg/l | mg/kg | | | | | | | | | |
| COGCC RSSL --> | | | | <4 | <6 | 6.0 - 8.3 | 2 | 0.68 | 15000 | 71 | 0.3 | 3100 | 400 | 1500 | 390 | 390 | 23000 |
| COGCC GWSSL --> | | | | <4 | <6 | 6.0 - 8.3 | 2 | 0.29 | 82 | 0.38 | 0.00067 | 46 | 14 | 26 | 0.26 | 0.8 | 370 |
| EX01@10 | 10 | 7/11/23 | 9.1 | 0.872 | 21.7 | 8.93 | 0.787 | 4.45 | 45.8 | <0.229 | <0.30 | 4.83 | 7.47 | 10.2 | <0.298 | <0.0229 | 20.9 |
| EX02@10 | 10 | 7/11/23 | 7.3 | 1.77 | 32.4 | 8.51 | 0.926 | 5.39 | 33 | 0.41 | <0.30 | 3.3 | 9.39 | 8.62 | <0.310 | <0.0239 | 19.9 |
| EX03@5 | 5 | 7/11/23 | 1.3 | 1.49 | 24 | 8.86 | 0.964 | 9.54 | 60.8 | 0.371 | <0.30 | 3.6 | 7.67 | 9.56 | <0.297 | <0.0229 | 17.7 |
| EX04@4 | 4 | 7/11/23 | 6.0 | 1.64 | 27.7 | 8.82 | 0.972 | 7.96 | 54 | 0.298 | <0.30 | 3.13 | 7.04 | 8.45 | <0.306 | <0.0236 | 15.7 |
| EX05@6 | 6 | 7/12/23 | 13.2 | 1.38 | 5.57 | 8.71 | 0.704 | 4.36 | 273 | 0.373 | <0.30 | 3 | 9.76 | 3.01 | <0.300 | 0.0272 | 10.9 |
| EX06@5 | 5 | 7/12/23 | 17.6 | 1.43 | 7.02 | 9.03 | 1.1 | 3.53 | 267 | 0.264 | <0.30 | 2.25 | 6.88 | 2.29 | <0.306 | <0.0235 | 8.66 |
| EX07@10.5 | 10.5 | 7/12/23 | 11.9 | 1.62 | 35.7 | 8.58 | 1.06 | 6.44 | 32 | <0.231 | <0.30 | 4.71 | 9.19 | 10.9 | <0.300 | <0.0231 | 26.1 |
| EX08@11 | 11 | 7/12/23 | 23.3 | 0.886 | 18.3 | 8.79 | 0.796 | 3.98 | 41.1 | <0.235 | <0.30 | 4.61 | 6.84 | 9.14 | <0.306 | <0.0235 | 19.2 |
| EX09@5 | 5 | 7/12/23 | 19.5 | 0.874 | 5.4 | 9.07 | 1.34 | 6.61 | 34.7 | 0.311 | <0.30 | 4.36 | 11 | 9.02 | <0.307 | <0.0236 | 21.4 |
| EX10@6 | 6 | 7/12/23 | 25.7 | 1.37 | 7.39 | 9.13 | 1.63 | 7.1 | 38.9 | 0.264 | <0.30 | 4.29 | 8.64 | 9.14 | <0.311 | <0.0239 | 22.1 |
| EX11@11 | 11 | 7/19/23 | 8.1 | 1.89 | 29.6 | 8.79 | <0.0100 | 1.71 | 15.5 | <0.233 | <0.30 | <0.466 | 6.42 | 4.42 | <0.303 | <0.0233 | 11.8 |
| EX12@5 | 5 | 7/19/23 | 18.7 | 1.28 | 9.81 | 9.28 | 0.0592 | 1.17 | 130 | <0.222 | <0.30 | <0.444 | 7.36 | 1.45 | <0.289 | <0.0222 | 3.08 |
| EX13@6 | 6 | 7/19/23 | 13.1 | 1.17 | 12 | 9.58 | 0.445 | 1.84 | 46.4 | <0.228 | <0.30 | <0.457 | 12.3 | 3.09 | <0.297 | <0.0228 | 6.59 |
| EX14@7 | 7 | 7/19/23 | 18.1 | 1.59 | 41.9 | 9.22 | 2.33 | 1.82 | 56.2 | <0.237 | <0.30 | <0.475 | 9.9 | 5.58 | 0.239 | <0.0237 | 6.86 |
| EX15@5.5 | 5.5 | 8/16/2023 | 1.7 | 1.65 | 11.9 | 9.54 | 3.04 | 2.76 | 166 | <0.200 | <0.30 | <0.400 | 8.40 | 0.950 | <0.260 | <0.0200 | 2.90 |
| EX16@6 | 6 | 8/16/2023 | 0.9 | 3.64 | 33.7 | 9.28 | 2.50 | 1.63 | 38.3 | <0.200 | <0.30 | 1.14 | 9.09 | 2.85 | <0.260 | <0.0200 | 7.47 |
| EX17@13.5 | 13.5 | 8/16/2023 | 1.1 | 0.580 | 5.16 | 9.44 | 0.405 | 1.21 | 61.2 | <0.200 | <0.30 | 1.56 | 6.56 | 3.11 | <0.260 | <0.0200 | 9.47 |
| EX18@5 | 5 | 8/16/2023 | 0.6 | 1.64 | 25.6 | 9.43 | 3.15 | 1.55 | 48.6 | <0.200 | <0.30 | 0.809 | 10.3 | 2.34 | <0.260 | <0.0200 | 5.13 |
| EX19@6 | 6 | 8/16/2023 | 0.7 | 4.35 | 29.2 | 8.75 | 2.39 | 0.271 | 176 | 0.397 | <0.30 | <0.400 | 12.9 | <0.400 | <0.260 | <0.0200 | <0.400 |
| BKG01@11 | 11 | 7/19/23 | NM | 0.583 | 3.9 | 9.63 | 0.375 | 1.4 | 62.4 | <0.232 | <0.30 | <0.463 | 6.01 | 3.44 | <0.301 | <0.0232 | 8.08 |
| BKG01@6 | 6 | 7/19/23 | NM | 0.622 | 3.56 | 9.61 | <0.0100 | 1.92 | 86.2 | <0.232 | <0.30 | <0.463 | 6.28 | 3.33 | <0.301 | <0.0232 | 7.06 |
| BKG02@5.5 | 5.5 | 8/16/2023 | NM | 1.20 | 20.1 | 9.13 | 0.499 | 2.01 | 74.2 | <0.200 | <0.30 | 1.23 | 9.24 | 2.68 | <0.260 | <0.0200 | 8.06 |
| BKG02@13.5 | 13.5 | 8/16/2023 | NM | 0.642 | 16.2 | 9.03 | 0.303 | 1.21 | 117 | <0.200 | >0.30 | 1.10 | 7.38 | 2.60 | <0.260 | <0.0200 | 7.43 |

Notes:

Waste Characterization Sample
 PID - Photo Ionization Detector
 EC - Electrical Conductivity
 SAR - Sodium adsorption ratio
 ft-bgs - feet below ground surface
 ppm - parts per million
 - not analyzed
 NM - not measured

COGCC - Colorado Oil and Gas Conservation Commission
 RSSL - Residential Soil Screening Level
 GWSSL - Groundwater Soil Screening Level
 mmhos/cm - millimeters of mercury per centimeter
 mg/l - milligrams per liter
 mg/kg - milligrams per kilogram
 < - indicates result is below the laboratory reporting limit
 Red- Above COGCC Table 915-1 GWSSL
 Blue- Above standard but below background

SOIL ANALYTICAL REPORTS

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 29, 2023

Nick Yourd

Entrada Consulting Group

240 Mesa Avenue

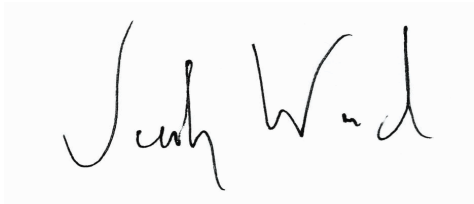
Grand Junction., CO 81501

RE: Reike Line Leak

Work Order #2308430

Enclosed are the results of analyses for samples received by Summit Scientific on 08/18/23 12:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



Entrada Consulting Group
240 Mesa Avenue
Grand Junction. CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| EX15@5.5 | 2308430-01 | Soil | 08/16/23 16:00 | 08/18/23 12:50 |
| EX16@6 | 2308430-02 | Soil | 08/16/23 16:10 | 08/18/23 12:50 |
| EX17@13.5 | 2308430-03 | Soil | 08/16/23 16:20 | 08/18/23 12:50 |
| EX18@5 | 2308430-04 | Soil | 08/16/23 16:30 | 08/18/23 12:50 |
| EX19@6 | 2308430-05 | Soil | 08/16/23 16:40 | 08/18/23 12:50 |
| BKG02@5.5 | 2308430-06 | Soil | 08/16/23 16:50 | 08/18/23 12:50 |
| BKG02@13.5 | 2308430-07 | Soil | 08/16/23 17:00 | 08/18/23 12:50 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

| | |
|---------|-------------|
| Lab ID | Page 1 of 1 |
| 2308430 | |

| | | | | | |
|---|--|--|--|-------------------------|--|
| Client: <u>Entrada Consulting Group</u> | | Send Data To: | | Send Invoice To: | |
| Address: | | Project Manager: <u>Nick Yourd</u> | | Company: <u>Entrada</u> | |
| City/State/Zip: | | E-Mail: <u>n.yourd@entradainc.com</u> | | Project Name/Location: | |
| Phone: <u>412 337-5122</u> | | <u>shall@entradainc.com, RJohnson@entradainc.com</u> | | AFE#: | |
| Sampler Name: <u>Nick Yourd</u> | | Project Name: <u>Reike Line Leak</u> | | PO/Billing Codes: | |
| | | Project Number: <u>023-063</u> | | Contact: | |

| | | | | | Preservative | | | | Matrix | | Analysis Requested | | | | | | | | | | Special Instructions | |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|--------------------|-------|------------|-------------|-----|--------|--|--|--|--|----------------------|--|
| ID | Sample Description | Date Sampled | Time Sampled | # of containers | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | Full Table | EC, SAR, pH | 915 | metals | | | | | | |
| 1 | EX15G5.5 | 8/16/23 | 1600 | 2 | | | X | | | X | | | X | | | | | | | | | |
| 2 | EX16G6 | | 1610 | | | | | | | | | | X | | | | | | | | | |
| 3 | EX17G13.5 | | 1620 | | | | | | | | | | X | | | | | | | | | |
| 4 | EX18G5 | | 1630 | | | | | | | | | | X | | | | | | | | | |
| 5 | EX19G6 | | 1640 | | | | | | | | | | X | | | | | | | | | |
| 6 | BK602G5.5 | | 1650 | | | | | | | | | | | X | X | | | | | | | |
| 7 | BK602G13.5 | | 1700 | | | | | | | | | | | X | X | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|---------------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------|---------------|--------|
| Relinquished by: <u>[Signature]</u> | Date/Time: <u>1245 8/18/23</u> | Received by: <u>[Signature]</u> | Date/Time: <u>8/18/23 12:50</u> | TAT Business Days | Field DO | Notes: |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Same Day | Field EC | |
| | | | | 1 Day | Field ORP | |
| | | | | 2 Days | Field pH | |
| | | | | 3 Days | Field Temp. | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Standard | X Field Turb. | |
| Temperature Upon Receipt: <u>25.0</u> | Corrected Temperature | IR gun #: <u>2</u> | HNO3 lot #: | | | |

S₂

Sample Receipt Checklist

S2 Work Order# 2308430Client: Entrada Client Project ID: Berke Line LeakShipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐

| | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|

Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 25.0 Thermometer # 2

| | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | not on ice |
| If custody seals are present, are they intact? ⁽¹⁾ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples due within 48 hours present? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC? ⁽¹⁾ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| If dissolved metals are requested, were samples field filtered? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |
| | | | | |
| | | | | |

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.


Custodian Printed Name

6/18/23 12:50

Date/Time



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX15@5.5
2308430-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BGH0951 | 08/23/23 | 08/25/23 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0486 | 122 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0434 | 108 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0386 | 96.6 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BGH0952 | 08/23/23 | 08/23/23 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: o-Terphenyl | 6.46 | 51.7 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX15@5.5
2308430-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BGH0862 | 08/22/23 | 08/22/23 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0343 | 103 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0353 | 106 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 3.04 | 0.0100 | mg/L | 1 | BGH0855 | 08/22/23 | 08/25/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX15@5.5
2308430-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 2.76 | 0.200 | mg/kg dry | 1 | BGH0858 | 08/22/23 | 08/23/23 | EPA 6020B |
| Barium | 166 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | ND | 0.400 | " | " | " | " | " | " |
| Lead | 8.40 | 0.200 | " | " | " | " | " | " |
| Nickel | 0.950 | 0.400 | " | " | " | " | " | " |
| Silver | ND | 0.0200 | " | " | " | " | " | " |
| Zinc | 2.90 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BGH0883 | 08/22/23 | 08/23/23 | EPA 7196A | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 34.6 | 0.0570 | mg/L dry | 1 | BGH0994 | 08/24/23 | 08/28/23 | EPA 6020B | |
| Magnesium | 46.9 | 0.0570 | " | " | " | " | " | " | |
| Sodium | 457 | 0.0570 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 11.9 | 0.00100 | units | 1 | BGH1170 | 08/29/23 | 08/29/23 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX15@5.5
2308430-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 87.7 | | % | 1 | BGH0889 | 08/22/23 | 08/22/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.65 | 0.0100 | mmhos/cm | 1 | BGH1007 | 08/24/23 | 08/25/23 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **08/16/23 16:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 9.54 | | pH Units | 1 | BGH1008 | 08/24/23 | 08/25/23 | EPA 9045D | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX16@6
2308430-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BGH0951 | 08/23/23 | 08/25/23 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0498 | 124 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0443 | 111 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0388 | 97.0 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BGH0952 | 08/23/23 | 08/23/23 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: o-Terphenyl | 6.17 | 49.3 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX16@6
2308430-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BGH0862 | 08/22/23 | 08/22/23 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0358 | 107 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0372 | 112 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 2.50 | 0.0100 | mg/L | 1 | BGH0855 | 08/22/23 | 08/25/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX16@6
2308430-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 1.63 | 0.200 | mg/kg dry | 1 | BGH0858 | 08/22/23 | 08/23/23 | EPA 6020B |
| Barium | 38.3 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | 1.14 | 0.400 | " | " | " | " | " | " |
| Lead | 9.09 | 0.200 | " | " | " | " | " | " |
| Nickel | 2.85 | 0.400 | " | " | " | " | " | " |
| Silver | ND | 0.0200 | " | " | " | " | " | " |
| Zinc | 7.47 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BGH0883 | 08/22/23 | 08/23/23 | EPA 7196A | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 23.4 | 0.0572 | mg/L dry | 1 | BGH0994 | 08/24/23 | 08/28/23 | EPA 6020B | |
| Magnesium | 10.8 | 0.0572 | " | " | " | " | " | " | |
| Sodium | 786 | 0.0572 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 33.7 | 0.00100 | units | 1 | BGH1170 | 08/29/23 | 08/29/23 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX16@6
2308430-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 87.4 | | % | 1 | BGH0889 | 08/22/23 | 08/22/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 3.64 | 0.0100 | mmhos/cm | 1 | BGH1007 | 08/24/23 | 08/25/23 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **08/16/23 16:10**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 9.28 | | pH Units | 1 | BGH1008 | 08/24/23 | 08/25/23 | EPA 9045D | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX17@13.5
2308430-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BGH0951 | 08/23/23 | 08/25/23 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0479 | 120 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0442 | 110 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0383 | 95.8 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BGH0952 | 08/23/23 | 08/24/23 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: o-Terphenyl | 7.09 | 56.7 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX17@13.5
2308430-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BGH0862 | 08/22/23 | 08/22/23 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0195 | 58.6 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0171 | 51.3 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **08/16/23 16:20**

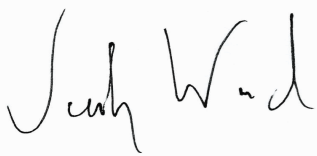
| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 0.405 | 0.0100 | mg/L | 1 | BGH0855 | 08/22/23 | 08/25/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Summit Scientific



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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX17@13.5
2308430-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 1.21 | 0.200 | mg/kg dry | 1 | BGH0858 | 08/22/23 | 08/23/23 | EPA 6020B |
| Barium | 61.2 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | 1.56 | 0.400 | " | " | " | " | " | " |
| Lead | 6.56 | 0.200 | " | " | " | " | " | " |
| Nickel | 3.11 | 0.400 | " | " | " | " | " | " |
| Silver | ND | 0.0200 | " | " | " | " | " | " |
| Zinc | 9.47 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BGH0883 | 08/22/23 | 08/23/23 | EPA 7196A | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 49.3 | 0.0589 | mg/L dry | 1 | BGH0994 | 08/24/23 | 08/28/23 | EPA 6020B | |
| Magnesium | 7.39 | 0.0589 | " | " | " | " | " | " | |
| Sodium | 147 | 0.0589 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 5.16 | 0.00100 | units | 1 | BGH1170 | 08/29/23 | 08/29/23 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX17@13.5
2308430-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 84.9 | | % | 1 | BGH0889 | 08/22/23 | 08/22/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.580 | 0.0100 | mmhos/cm | 1 | BGH1007 | 08/24/23 | 08/25/23 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **08/16/23 16:20**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 9.44 | | pH Units | 1 | BGH1008 | 08/24/23 | 08/25/23 | EPA 9045D | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX18@5
2308430-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BGH0951 | 08/23/23 | 08/25/23 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0477 | 119 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0441 | 110 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0388 | 96.9 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BGH0952 | 08/23/23 | 08/24/23 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: o-Terphenyl | 7.58 | 60.6 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX18@5
2308430-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BGH0862 | 08/22/23 | 08/22/23 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0137 | 41.0 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0163 | 48.9 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 3.15 | 0.0100 | mg/L | 1 | BGH0855 | 08/22/23 | 08/25/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX18@5
2308430-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 1.55 | 0.200 | mg/kg dry | 1 | BGH0858 | 08/22/23 | 08/23/23 | EPA 6020B |
| Barium | 48.6 | 0.400 | " | " | " | " | " | " |
| Cadmium | ND | 0.200 | " | " | " | " | " | " |
| Copper | 0.809 | 0.400 | " | " | " | " | " | " |
| Lead | 10.3 | 0.200 | " | " | " | " | " | " |
| Nickel | 2.34 | 0.400 | " | " | " | " | " | " |
| Silver | ND | 0.0200 | " | " | " | " | " | " |
| Zinc | 5.13 | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BGH0883 | 08/22/23 | 08/23/23 | EPA 7196A | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 9.93 | 0.0567 | mg/L dry | 1 | BGH0994 | 08/24/23 | 08/28/23 | EPA 6020B | |
| Magnesium | 5.01 | 0.0567 | " | " | " | " | " | " | |
| Sodium | 397 | 0.0567 | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 25.6 | 0.00100 | units | 1 | BGH1170 | 08/29/23 | 08/29/23 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX18@5
2308430-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 88.1 | | % | 1 | BGH0889 | 08/22/23 | 08/22/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.64 | 0.0100 | mmhos/cm | 1 | BGH1007 | 08/24/23 | 08/25/23 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **08/16/23 16:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 9.43 | | pH Units | 1 | BGH1008 | 08/24/23 | 08/25/23 | EPA 9045D | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX19@6
2308430-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 0.0020 | mg/kg | 1 | BGH0951 | 08/23/23 | 08/25/23 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Naphthalene | ND | 0.0038 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0490 | 122 % | 50-150 | | " | " | " | " | |
| Surrogate: Toluene-d8 | 0.0430 | 108 % | 50-150 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 0.0396 | 99.1 % | 50-150 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | BGH0952 | 08/23/23 | 08/24/23 | EPA 8015M | |
| C28-C36 (ORO) | ND | 50 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: o-Terphenyl | 6.61 | 52.9 % | 30-150 | | " | " | " | " | |

PAH by EPA Method 8270D SIM

Summit Scientific

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Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX19@6
2308430-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg | 1 | BGH0862 | 08/22/23 | 08/22/23 | EPA 8270D SIM | |
| Anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (a) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (b) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Benzo (k) fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Chrysene | ND | 0.00500 | " | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluoranthene | ND | 0.00500 | " | " | " | " | " | " | |
| Fluorene | ND | 0.00500 | " | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| Pyrene | ND | 0.00500 | " | " | " | " | " | " | |
| 1-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |
| 2-Methylnaphthalene | ND | 0.00500 | " | " | " | " | " | " | |

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0140 | 42.1 % | 40-150 | | " | " | " | " | |
| Surrogate: Fluoranthene-d10 | 0.0162 | 48.5 % | 40-150 | | " | " | " | " | |

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Boron | 2.39 | 0.0100 | mg/L | 1 | BGH0855 | 08/22/23 | 08/25/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX19@6
2308430-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-----------|---|---------|----------|----------|-----------|
| Arsenic | 0.271 | 0.200 | mg/kg dry | 1 | BGH0858 | 08/22/23 | 08/23/23 | EPA 6020B |
| Barium | 176 | 0.400 | " | " | " | " | " | " |
| Cadmium | 0.397 | 0.200 | " | " | " | " | " | " |
| Copper | ND | 0.400 | " | " | " | " | " | " |
| Lead | 12.9 | 0.200 | " | " | " | " | " | " |
| Nickel | ND | 0.400 | " | " | " | " | " | " |
| Silver | ND | 0.0200 | " | " | " | " | " | " |
| Zinc | ND | 0.400 | " | " | " | " | " | " |
| Selenium | ND | 0.260 | " | " | " | " | " | " |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|-----------|-------|----------|----------|----------|-----------|--------|-------|
| | | Limit | | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BGH0883 | 08/22/23 | 08/23/23 | EPA 7196A | | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|--------|-----------|----------|-------|----------|----------|----------|-----------|--------|-------|
| | | Limit | | | | | | | | |
| Calcium | 42.9 | 0.0568 | mg/L dry | 1 | BGH0994 | 08/24/23 | 08/28/23 | EPA 6020B | | |
| Magnesium | 18.6 | 0.0568 | " | " | " | " | " | " | " | |
| Sodium | 909 | 0.0568 | " | " | " | " | " | " | " | |

Calculated Analysis

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|-----------|-------|-------|----------|----------|----------|-------------|--------|-------|
| | | Limit | | | | | | | | |
| Sodium Adsorption Ratio | 29.2 | 0.00100 | units | 1 | BGH1170 | 08/29/23 | 08/29/23 | Calculation | | |

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

EX19@6
2308430-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 88.0 | | % | 1 | BGH0889 | 08/22/23 | 08/22/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 4.35 | 0.0100 | mmhos/cm | 1 | BGH1007 | 08/24/23 | 08/25/23 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **08/16/23 16:40**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 8.75 | | pH Units | 1 | BGH1008 | 08/24/23 | 08/25/23 | EPA 9045D | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

BKG02@5.5
2308430-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Boron | 0.499 | 0.0100 | mg/L | 1 | BGH0855 | 08/22/23 | 08/25/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Arsenic | 2.01 | 0.200 | mg/kg dry | 1 | BGH0858 | 08/22/23 | 08/23/23 | EPA 6020B | |
| Barium | 74.2 | 0.400 | " | " | " | " | " | " | |
| Cadmium | ND | 0.200 | " | " | " | " | " | " | |
| Copper | 1.23 | 0.400 | " | " | " | " | " | " | |
| Lead | 9.24 | 0.200 | " | " | " | " | " | " | |
| Nickel | 2.68 | 0.400 | " | " | " | " | " | " | |
| Silver | ND | 0.0200 | " | " | " | " | " | " | |
| Zinc | 8.06 | 0.400 | " | " | " | " | " | " | |
| Selenium | ND | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BGH0883 | 08/22/23 | 08/23/23 | EPA 7196A | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Calcium | 8.74 | 0.0564 | mg/L dry | 1 | BGH0994 | 08/24/23 | 08/28/23 | EPA 6020B | |
| Magnesium | 3.78 | 0.0564 | " | " | " | " | " | " | |
| Sodium | 282 | 0.0564 | " | " | " | " | " | " | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

BKG02@5.5
2308430-06 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 20.1 | 0.00100 | units | 1 | BGH1170 | 08/29/23 | 08/29/23 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 88.6 | | % | 1 | BGH0889 | 08/22/23 | 08/22/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 1.20 | 0.0100 | mmhos/cm | 1 | BGH1007 | 08/24/23 | 08/25/23 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **08/16/23 16:50**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 9.13 | | pH Units | 1 | BGH1008 | 08/24/23 | 08/25/23 | EPA 9045D | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

BKG02@13.5
2308430-07 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------|--------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Boron | 0.303 | 0.0100 | mg/L | 1 | BGH0855 | 08/22/23 | 08/25/23 | EPA 6020B | |

Total Metals by EPA 6020B

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------|-------------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Arsenic | 1.21 | 0.200 | mg/kg dry | 1 | BGH0858 | 08/22/23 | 08/23/23 | EPA 6020B | |
| Barium | 117 | 0.400 | " | " | " | " | " | " | |
| Cadmium | ND | 0.200 | " | " | " | " | " | " | |
| Copper | 1.10 | 0.400 | " | " | " | " | " | " | |
| Lead | 7.38 | 0.200 | " | " | " | " | " | " | |
| Nickel | 2.60 | 0.400 | " | " | " | " | " | " | |
| Silver | ND | 0.0200 | " | " | " | " | " | " | |
| Zinc | 7.43 | 0.400 | " | " | " | " | " | " | |
| Selenium | ND | 0.260 | " | " | " | " | " | " | |

Hexavalent Chromium by EPA Method 7196

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------|--------|-----------|-----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chromium, Hexavalent | ND | 0.30 | mg/kg dry | 1 | BGH0883 | 08/22/23 | 08/23/23 | EPA 7196A | |

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------|-------------|-----------|----------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Calcium | 3.55 | 0.0565 | mg/L dry | 1 | BGH0994 | 08/24/23 | 08/28/23 | EPA 6020B | |
| Magnesium | 1.83 | 0.0565 | " | " | " | " | " | " | |
| Sodium | 151 | 0.0565 | " | " | " | " | " | " | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

BKG02@13.5
2308430-07 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 16.2 | 0.00100 | units | 1 | BGH1170 | 08/29/23 | 08/29/23 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|--------------------|-------|----------|---------|----------|----------|-------------|-------|
| % Solids | 88.5 | | % | 1 | BGH0889 | 08/22/23 | 08/22/23 | Calculation | |

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 0.642 | 0.0100 | mmhos/cm | 1 | BGH1007 | 08/24/23 | 08/25/23 | EPA 120.1 | |

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **08/16/23 17:00**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|----------|----------|---------|----------|----------|-----------|-------|
| pH | 9.03 | | pH Units | 1 | BGH1008 | 08/24/23 | 08/25/23 | EPA 9045D | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0951 - EPA 5030 Soil MS

Blank (BGH0951-BLK1)

Prepared: 08/23/23 Analyzed: 08/25/23

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|-----|--------|--|--|--|
| Benzene | ND | 0.0020 | mg/kg | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | | | | | | | |
| Naphthalene | ND | 0.0038 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0496 | | " | 0.0400 | | 124 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0486 | | " | 0.0400 | | 121 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0424 | | " | 0.0400 | | 106 | 50-150 | | | |

LCS (BGH0951-BS1)

Prepared: 08/23/23 Analyzed: 08/25/23

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.104 | 0.0020 | mg/kg | 0.100 | | 104 | 70-130 | | | |
| Toluene | 0.102 | 0.0050 | " | 0.100 | | 102 | 70-130 | | | |
| Ethylbenzene | 0.103 | 0.0050 | " | 0.100 | | 103 | 70-130 | | | |
| m,p-Xylene | 0.260 | 0.010 | " | 0.200 | | 130 | 70-130 | | | |
| o-Xylene | 0.114 | 0.0050 | " | 0.100 | | 114 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.113 | 0.0050 | " | 0.100 | | 113 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.111 | 0.0050 | " | 0.100 | | 111 | 70-130 | | | |
| Naphthalene | 0.110 | 0.0038 | " | 0.100 | | 110 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0478 | | " | 0.0400 | | 120 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0470 | | " | 0.0400 | | 117 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0370 | | " | 0.0400 | | 92.6 | 50-150 | | | |

Matrix Spike (BGH0951-MS1)

Source: 2308430-01

Prepared: 08/23/23 Analyzed: 08/25/23

| | | | | | | | | | | |
|----------------------------------|--------|--------|-------|--------|----|------|--------|--|--|--|
| Benzene | 0.0995 | 0.0020 | mg/kg | 0.100 | ND | 99.5 | 70-130 | | | |
| Toluene | 0.0702 | 0.0050 | " | 0.100 | ND | 70.2 | 70-130 | | | |
| Ethylbenzene | 0.0702 | 0.0050 | " | 0.100 | ND | 70.2 | 70-130 | | | |
| m,p-Xylene | 0.227 | 0.010 | " | 0.200 | ND | 113 | 70-130 | | | |
| o-Xylene | 0.120 | 0.0050 | " | 0.100 | ND | 120 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 0.0930 | 0.0050 | " | 0.100 | ND | 93.0 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0964 | 0.0050 | " | 0.100 | ND | 96.4 | 70-130 | | | |
| Naphthalene | 0.106 | 0.0038 | " | 0.100 | ND | 106 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0510 | | " | 0.0400 | | 128 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0437 | | " | 0.0400 | | 109 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0375 | | " | 0.0400 | | 93.8 | 50-150 | | | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0951 - EPA 5030 Soil MS

| Matrix Spike Dup (BGH0951-MSD1) | Source: 2308430-01 | | | Prepared: 08/23/23 Analyzed: 08/25/23 | | | | | | |
|----------------------------------|--------------------|--------|-------|---------------------------------------|----|------|--------|------|----|--|
| Benzene | 0.103 | 0.0020 | mg/kg | 0.100 | ND | 103 | 70-130 | 3.15 | 30 | |
| Toluene | 0.0758 | 0.0050 | " | 0.100 | ND | 75.8 | 70-130 | 7.69 | 30 | |
| Ethylbenzene | 0.0742 | 0.0050 | " | 0.100 | ND | 74.2 | 70-130 | 5.56 | 30 | |
| m,p-Xylene | 0.233 | 0.010 | " | 0.200 | ND | 117 | 70-130 | 2.81 | 30 | |
| o-Xylene | 0.0928 | 0.0050 | " | 0.100 | ND | 92.8 | 70-130 | 25.5 | 30 | |
| 1,2,4-Trimethylbenzene | 0.0974 | 0.0050 | " | 0.100 | ND | 97.4 | 70-130 | 4.70 | 30 | |
| 1,3,5-Trimethylbenzene | 0.0992 | 0.0050 | " | 0.100 | ND | 99.2 | 70-130 | 2.85 | 30 | |
| Naphthalene | 0.111 | 0.0038 | " | 0.100 | ND | 111 | 70-130 | 4.62 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0503 | | " | 0.0400 | | 126 | 50-150 | | | |
| Surrogate: Toluene-d8 | 0.0440 | | " | 0.0400 | | 110 | 50-150 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.0372 | | " | 0.0400 | | 93.1 | 50-150 | | | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0952 - EPA 3550A

Blank (BGH0952-BLK1)

Prepared & Analyzed: 08/23/23

| | | | |
|---------------|----|----|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg |
| C28-C36 (ORO) | ND | 50 | " |

| | | | | | | |
|------------------------|------|--|---|------|------|--------|
| Surrogate: o-Terphenyl | 6.73 | | " | 12.5 | 53.8 | 30-150 |
|------------------------|------|--|---|------|------|--------|

LCS (BGH0952-BS1)

Prepared & Analyzed: 08/23/23

| | | | | | | |
|------------------------|------|----|-------|------|------|--------|
| C10-C28 (DRO) | 456 | 50 | mg/kg | 500 | 91.3 | 70-130 |
| Surrogate: o-Terphenyl | 4.69 | | " | 12.5 | 37.5 | 30-150 |

Matrix Spike (BGH0952-MS1)

Source: 2308430-01

Prepared & Analyzed: 08/23/23

| | | | | | | | |
|------------------------|------|----|-------|------|------|--------|--------|
| C10-C28 (DRO) | 556 | 50 | mg/kg | 500 | 20.9 | 107 | 70-130 |
| Surrogate: o-Terphenyl | 7.62 | | " | 12.5 | 60.9 | 30-150 | |

Matrix Spike Dup (BGH0952-MSD1)

Source: 2308430-01

Prepared & Analyzed: 08/23/23

| | | | | | | | | | |
|------------------------|------|----|-------|------|------|--------|--------|------|----|
| C10-C28 (DRO) | 473 | 50 | mg/kg | 500 | 20.9 | 90.5 | 70-130 | 16.0 | 20 |
| Surrogate: o-Terphenyl | 5.34 | | " | 12.5 | 42.7 | 30-150 | | | |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

| Reporting | | | | Spike | Source | | %REC | | RPD | |
|-----------|--------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0862 - EPA 5030 Soil MS

Blank (BGH0862-BLK1)

Prepared & Analyzed: 08/22/23

| | | | |
|--------------------------|----|---------|-------|
| Acenaphthene | ND | 0.00500 | mg/kg |
| Anthracene | ND | 0.00500 | " |
| Benzo (a) anthracene | ND | 0.00500 | " |
| Benzo (a) pyrene | ND | 0.00500 | " |
| Benzo (b) fluoranthene | ND | 0.00500 | " |
| Benzo (k) fluoranthene | ND | 0.00500 | " |
| Chrysene | ND | 0.00500 | " |
| Dibenz (a,h) anthracene | ND | 0.00500 | " |
| Fluoranthene | ND | 0.00500 | " |
| Fluorene | ND | 0.00500 | " |
| Indeno (1,2,3-cd) pyrene | ND | 0.00500 | " |
| Pyrene | ND | 0.00500 | " |
| 1-Methylnaphthalene | ND | 0.00500 | " |
| 2-Methylnaphthalene | ND | 0.00500 | " |

| | | | | | |
|------------------------------------|--------|---|--------|------|--------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0248 | " | 0.0333 | 74.3 | 40-150 |
| Surrogate: Fluoranthene-d10 | 0.0248 | " | 0.0333 | 74.4 | 40-150 |

LCS (BGH0862-BS1)

Prepared & Analyzed: 08/22/23

| | | | | | | |
|--------------------------|--------|---------|-------|--------|------|--------|
| Acenaphthene | 0.0325 | 0.00500 | mg/kg | 0.0333 | 97.6 | 31-137 |
| Anthracene | 0.0318 | 0.00500 | " | 0.0333 | 95.3 | 30-120 |
| Benzo (a) anthracene | 0.0308 | 0.00500 | " | 0.0333 | 92.3 | 30-120 |
| Benzo (a) pyrene | 0.0296 | 0.00500 | " | 0.0333 | 88.8 | 30-120 |
| Benzo (b) fluoranthene | 0.0324 | 0.00500 | " | 0.0333 | 97.2 | 30-120 |
| Benzo (k) fluoranthene | 0.0329 | 0.00500 | " | 0.0333 | 98.6 | 30-120 |
| Chrysene | 0.0317 | 0.00500 | " | 0.0333 | 95.1 | 30-120 |
| Dibenz (a,h) anthracene | 0.0130 | 0.00500 | " | 0.0333 | 39.1 | 30-120 |
| Fluoranthene | 0.0328 | 0.00500 | " | 0.0333 | 98.5 | 30-120 |
| Fluorene | 0.0316 | 0.00500 | " | 0.0333 | 94.7 | 30-120 |
| Indeno (1,2,3-cd) pyrene | 0.0368 | 0.00500 | " | 0.0333 | 110 | 30-120 |
| Pyrene | 0.0429 | 0.00500 | " | 0.0333 | 129 | 35-142 |
| 1-Methylnaphthalene | 0.0308 | 0.00500 | " | 0.0333 | 92.5 | 35-142 |
| 2-Methylnaphthalene | 0.0319 | 0.00500 | " | 0.0333 | 95.6 | 35-142 |

| | | | | | |
|------------------------------------|--------|---|--------|------|--------|
| Surrogate: 2-Methylnaphthalene-d10 | 0.0267 | " | 0.0333 | 80.0 | 40-150 |
| Surrogate: Fluoranthene-d10 | 0.0270 | " | 0.0333 | 81.0 | 40-150 |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike Level | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|----------------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0862 - EPA 5030 Soil MS

Matrix Spike (BGH0862-MS1)

Source: 2308430-01

Prepared & Analyzed: 08/22/23

| | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|----|------|--------|--|--|
| Acenaphthene | 0.0169 | 0.00500 | mg/kg | 0.0333 | ND | 50.6 | 31-137 | | |
| Anthracene | 0.0189 | 0.00500 | " | 0.0333 | ND | 56.8 | 30-120 | | |
| Benzo (a) anthracene | 0.0169 | 0.00500 | " | 0.0333 | ND | 50.7 | 30-120 | | |
| Benzo (a) pyrene | 0.0157 | 0.00500 | " | 0.0333 | ND | 47.1 | 30-120 | | |
| Benzo (b) fluoranthene | 0.0171 | 0.00500 | " | 0.0333 | ND | 51.2 | 30-120 | | |
| Benzo (k) fluoranthene | 0.0176 | 0.00500 | " | 0.0333 | ND | 52.7 | 30-120 | | |
| Chrysene | 0.0177 | 0.00500 | " | 0.0333 | ND | 53.1 | 30-120 | | |
| Dibenz (a,h) anthracene | 0.0210 | 0.00500 | " | 0.0333 | ND | 62.9 | 30-120 | | |
| Fluoranthene | 0.0150 | 0.00500 | " | 0.0333 | ND | 45.1 | 30-120 | | |
| Fluorene | 0.0132 | 0.00500 | " | 0.0333 | ND | 39.5 | 30-120 | | |
| Indeno (1,2,3-cd) pyrene | 0.0125 | 0.00500 | " | 0.0333 | ND | 37.5 | 30-120 | | |
| Pyrene | 0.0226 | 0.00500 | " | 0.0333 | ND | 67.8 | 35-142 | | |
| 1-Methylnaphthalene | 0.0174 | 0.00500 | " | 0.0333 | ND | 52.3 | 15-130 | | |
| 2-Methylnaphthalene | 0.0170 | 0.00500 | " | 0.0333 | ND | 51.0 | 15-130 | | |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0137 | | " | 0.0333 | | 41.1 | 40-150 | | |
| Surrogate: Fluoranthene-d10 | 0.0159 | | " | 0.0333 | | 47.7 | 40-150 | | |

Matrix Spike Dup (BGH0862-MSD1)

Source: 2308430-01

Prepared & Analyzed: 08/22/23

| | | | | | | | | | |
|------------------------------------|--------|---------|-------|--------|----|------|--------|-------|----|
| Acenaphthene | 0.0161 | 0.00500 | mg/kg | 0.0333 | ND | 48.3 | 31-137 | 4.72 | 30 |
| Anthracene | 0.0219 | 0.00500 | " | 0.0333 | ND | 65.6 | 30-120 | 14.4 | 30 |
| Benzo (a) anthracene | 0.0179 | 0.00500 | " | 0.0333 | ND | 53.7 | 30-120 | 5.66 | 30 |
| Benzo (a) pyrene | 0.0166 | 0.00500 | " | 0.0333 | ND | 49.7 | 30-120 | 5.36 | 30 |
| Benzo (b) fluoranthene | 0.0177 | 0.00500 | " | 0.0333 | ND | 53.2 | 30-120 | 3.92 | 30 |
| Benzo (k) fluoranthene | 0.0186 | 0.00500 | " | 0.0333 | ND | 55.8 | 30-120 | 5.75 | 30 |
| Chrysene | 0.0188 | 0.00500 | " | 0.0333 | ND | 56.4 | 30-120 | 6.00 | 30 |
| Dibenz (a,h) anthracene | 0.0235 | 0.00500 | " | 0.0333 | ND | 70.4 | 30-120 | 11.3 | 30 |
| Fluoranthene | 0.0184 | 0.00500 | " | 0.0333 | ND | 55.1 | 30-120 | 20.0 | 30 |
| Fluorene | 0.0136 | 0.00500 | " | 0.0333 | ND | 40.7 | 30-120 | 2.92 | 30 |
| Indeno (1,2,3-cd) pyrene | 0.0126 | 0.00500 | " | 0.0333 | ND | 37.8 | 30-120 | 0.590 | 30 |
| Pyrene | 0.0237 | 0.00500 | " | 0.0333 | ND | 71.0 | 35-142 | 4.62 | 30 |
| 1-Methylnaphthalene | 0.0171 | 0.00500 | " | 0.0333 | ND | 51.2 | 15-130 | 2.10 | 50 |
| 2-Methylnaphthalene | 0.0163 | 0.00500 | " | 0.0333 | ND | 49.0 | 15-130 | 4.07 | 50 |
| Surrogate: 2-Methylnaphthalene-d10 | 0.0155 | | " | 0.0333 | | 46.5 | 40-150 | | |
| Surrogate: Fluoranthene-d10 | 0.0182 | | " | 0.0333 | | 54.5 | 40-150 | | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction. CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0855 - EPA 3050B

Blank (BGH0855-BLK1)

Prepared: 08/22/23 Analyzed: 08/25/23

| | | | |
|-------|----|--------|------|
| Boron | ND | 0.0100 | mg/L |
|-------|----|--------|------|

LCS (BGH0855-BS1)

Prepared: 08/22/23 Analyzed: 08/25/23

| | | | | | | |
|-------|------|--------|------|------|-----|--------|
| Boron | 5.64 | 0.0100 | mg/L | 5.00 | 113 | 80-120 |
|-------|------|--------|------|------|-----|--------|

Duplicate (BGH0855-DUP1)

Source: 2308428-01

Prepared: 08/22/23 Analyzed: 08/25/23

| | | | | | | |
|-------|-------|--------|------|-------|------|----|
| Boron | 0.133 | 0.0100 | mg/L | 0.153 | 14.1 | 20 |
|-------|-------|--------|------|-------|------|----|

Matrix Spike (BGH0855-MS1)

Source: 2308428-01

Prepared: 08/22/23 Analyzed: 08/25/23

| | | | | | | | |
|-------|------|--------|------|------|-------|-----|--------|
| Boron | 5.36 | 0.0100 | mg/L | 5.00 | 0.153 | 104 | 75-125 |
|-------|------|--------|------|------|-------|-----|--------|

Matrix Spike Dup (BGH0855-MSD1)

Source: 2308428-01

Prepared: 08/22/23 Analyzed: 08/25/23

| | | | | | | | | | |
|-------|------|--------|------|------|-------|-----|--------|------|----|
| Boron | 5.45 | 0.0100 | mg/L | 5.00 | 0.153 | 106 | 75-125 | 1.71 | 25 |
|-------|------|--------|------|------|-------|-----|--------|------|----|

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Total Metals by EPA 6020B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0858 - EPA 3050B

Blank (BGH0858-BLK1)

Prepared: 08/22/23 Analyzed: 08/23/23

| | | | |
|----------|----|--------|-----------|
| Arsenic | ND | 0.200 | mg/kg wet |
| Barium | ND | 0.400 | " |
| Cadmium | ND | 0.200 | " |
| Copper | ND | 0.400 | " |
| Lead | ND | 0.200 | " |
| Nickel | ND | 0.400 | " |
| Silver | ND | 0.0200 | " |
| Zinc | ND | 0.400 | " |
| Selenium | ND | 0.260 | " |

LCS (BGH0858-BS1)

Prepared: 08/22/23 Analyzed: 08/23/23

| | | | | | | |
|---------|------|--------|-----------|------|------|--------|
| Arsenic | 37.4 | 0.200 | mg/kg wet | 40.0 | 93.5 | 80-120 |
| Barium | 38.4 | 0.400 | " | 40.0 | 96.0 | 80-120 |
| Cadmium | 1.93 | 0.200 | " | 2.00 | 96.3 | 80-120 |
| Copper | 35.6 | 0.400 | " | 40.0 | 89.1 | 80-120 |
| Lead | 19.0 | 0.200 | " | 20.0 | 95.1 | 80-120 |
| Nickel | 37.2 | 0.400 | " | 40.0 | 93.0 | 80-120 |
| Silver | 1.89 | 0.0200 | " | 2.00 | 94.7 | 80-120 |
| Zinc | 37.7 | 0.400 | " | 40.0 | 94.2 | 80-120 |

Duplicate (BGH0858-DUP1)

Source: 2308429-01

Prepared: 08/22/23 Analyzed: 08/23/23

| | | | | | | |
|----------|--------|--------|-----------|--------|-------|-----|
| Arsenic | 0.298 | 0.200 | mg/kg dry | 0.317 | 6.46 | 20 |
| Barium | 179 | 0.400 | " | 181 | 1.11 | 20 |
| Cadmium | 0.236 | 0.200 | " | 0.233 | 1.11 | 20 |
| Copper | 1.34 | 0.400 | " | 1.41 | 5.05 | 20 |
| Lead | 7.65 | 0.200 | " | 7.79 | 1.80 | 20 |
| Nickel | 1.82 | 0.400 | " | 1.90 | 3.91 | 20 |
| Silver | 0.0335 | 0.0200 | " | 0.0350 | 4.58 | 20 |
| Zinc | 6.72 | 0.400 | " | 6.68 | 0.585 | 20 |
| Selenium | ND | 0.260 | " | ND | | 200 |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Total Metals by EPA 6020B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0858 - EPA 3050B

| Matrix Spike (BGH0858-MS1) | | Source: 2308429-01 | | | Prepared: 08/22/23 Analyzed: 08/23/23 | | | | | |
|----------------------------|------|--------------------|-----------|------|---------------------------------------|------|--------|--|--|-------|
| Arsenic | 11.6 | 0.200 | mg/kg dry | 52.3 | 0.317 | 21.6 | 75-125 | | | QM-01 |
| Barium | 225 | 0.400 | " | 52.3 | 181 | 84.7 | 75-125 | | | |
| Cadmium | 2.65 | 0.200 | " | 2.61 | 0.233 | 92.4 | 75-125 | | | |
| Copper | 11.8 | 0.400 | " | 52.3 | 1.41 | 19.9 | 75-125 | | | QM-01 |
| Lead | 30.3 | 0.200 | " | 26.1 | 7.79 | 85.9 | 75-125 | | | |
| Nickel | 13.0 | 0.400 | " | 52.3 | 1.90 | 21.3 | 75-125 | | | QM-01 |
| Silver | 2.41 | 0.0200 | " | 2.61 | 0.0350 | 90.7 | 75-125 | | | |
| Zinc | 19.0 | 0.400 | " | 52.3 | 6.68 | 23.6 | 75-125 | | | QM-01 |

| Matrix Spike Dup (BGH0858-MSD1) | | Source: 2308429-01 | | | Prepared: 08/22/23 Analyzed: 08/23/23 | | | | | |
|---------------------------------|------|--------------------|-----------|------|---------------------------------------|------|--------|-------|----|-------|
| Arsenic | 11.7 | 0.200 | mg/kg dry | 52.3 | 0.317 | 21.7 | 75-125 | 0.175 | 25 | QM-01 |
| Barium | 220 | 0.400 | " | 52.3 | 181 | 75.5 | 75-125 | 2.17 | 25 | |
| Cadmium | 2.61 | 0.200 | " | 2.61 | 0.233 | 91.1 | 75-125 | 1.29 | 25 | |
| Copper | 12.0 | 0.400 | " | 52.3 | 1.41 | 20.2 | 75-125 | 1.30 | 25 | QM-01 |
| Lead | 29.2 | 0.200 | " | 26.1 | 7.79 | 82.1 | 75-125 | 3.40 | 25 | |
| Nickel | 13.3 | 0.400 | " | 52.3 | 1.90 | 21.7 | 75-125 | 1.93 | 25 | QM-01 |
| Silver | 2.35 | 0.0200 | " | 2.61 | 0.0350 | 88.5 | 75-125 | 2.42 | 25 | |
| Zinc | 19.3 | 0.400 | " | 52.3 | 6.68 | 24.2 | 75-125 | 1.61 | 25 | QM-01 |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0883 - 3060A Mod

Blank (BGH0883-BLK1)

Prepared: 08/22/23 Analyzed: 08/23/23

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BGH0883-BS1)

Prepared: 08/22/23 Analyzed: 08/23/23

Chromium, Hexavalent 23.7 0.30 mg/kg wet 25.0 94.8 80-120

Duplicate (BGH0883-DUP1)

Source: 2308411-01

Prepared: 08/22/23 Analyzed: 08/23/23

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BGH0883-MS1)

Source: 2308411-01

Prepared: 08/22/23 Analyzed: 08/23/23

Chromium, Hexavalent 27.1 0.30 mg/kg dry 27.7 ND 97.8 75-125

Matrix Spike Dup (BGH0883-MSD1)

Source: 2308411-01

Prepared: 08/22/23 Analyzed: 08/23/23

Chromium, Hexavalent 26.2 0.30 mg/kg dry 27.7 ND 94.8 75-125 3.12 20

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0994 - General Preparation

Blank (BGH0994-BLK1)

Prepared: 08/24/23 Analyzed: 08/28/23

| | | | |
|-----------|----|--------|----------|
| Calcium | ND | 0.0500 | mg/L wet |
| Magnesium | ND | 0.0500 | " |
| Sodium | ND | 0.0500 | " |

LCS (BGH0994-BS1)

Prepared: 08/24/23 Analyzed: 08/28/23

| | | | | | | |
|-----------|------|--------|----------|------|------|--------|
| Calcium | 4.59 | 0.0500 | mg/L wet | 5.00 | 91.7 | 70-130 |
| Magnesium | 5.45 | 0.0500 | " | 5.00 | 109 | 70-130 |
| Sodium | 5.52 | 0.0500 | " | 5.00 | 110 | 70-130 |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction. CO, 81501

Project: Reike Line Leak

Project Number: 023-063

Project Manager: Nick Yourd

Reported:

08/29/23 14:01

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | |
|---------|--------|-----------|-------|----------------|--------|------|--------|-----|-------|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH0889 - General Preparation

| Duplicate (BGH0889-DUP1) | | Source: 2308428-01 | | | Prepared & Analyzed: 08/22/23 | | | | | |
|--------------------------|------|--------------------|---|--|-------------------------------|--|--|-------|----|--|
| % Solids | 86.8 | | % | | 86.7 | | | 0.167 | 20 | |

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control
Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | |
|---------|--------|-----------|-------|----------------|--------|------|--------|-----|-------|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH1007 - General Preparation

Blank (BGH1007-BLK1)

Prepared: 08/24/23 Analyzed: 08/25/23

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BGH1007-BS1)

Prepared: 08/24/23 Analyzed: 08/25/23

Specific Conductance (EC) 0.153 0.0100 mmhos/cm 0.150 102 95-105

Duplicate (BGH1007-DUP1)

Source: 2308430-01

Prepared: 08/24/23 Analyzed: 08/25/23

Specific Conductance (EC) 1.65 0.0100 mmhos/cm 1.65 0.00 20

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction, CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control
Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source | | %REC | | RPD | |
|---------|--------|-----------|-------|----------------|--------|------|--------|-----|-------|-------|
| | | Limit | Units | | Result | %REC | Limits | RPD | Limit | Notes |

Batch BGH1008 - General Preparation

LCS (BGH1008-BS1)

Prepared: 08/24/23 Analyzed: 08/25/23

| | | | | | |
|----|------|----------|------|-----|--------|
| pH | 9.25 | pH Units | 9.18 | 101 | 95-105 |
|----|------|----------|------|-----|--------|

Duplicate (BGH1008-DUP1)

Source: 2308430-01

Prepared: 08/24/23 Analyzed: 08/25/23

| | | | | | |
|----|------|----------|------|------|----|
| pH | 9.54 | pH Units | 9.54 | 0.00 | 20 |
|----|------|----------|------|------|----|

Summit Scientific

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Entrada Consulting Group
240 Mesa Avenue
Grand Junction. CO, 81501

Project: Reike Line Leak
Project Number: 023-063
Project Manager: Nick Yourd

Reported:
08/29/23 14:01

Notes and Definitions

QM-01 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference