

Conner-61N66W 4NENE

NENE Sec. 4-T1N-R66W

Facility ID: 318375

Remediation Project #: 37271

Form 19 Data Package

October 2024

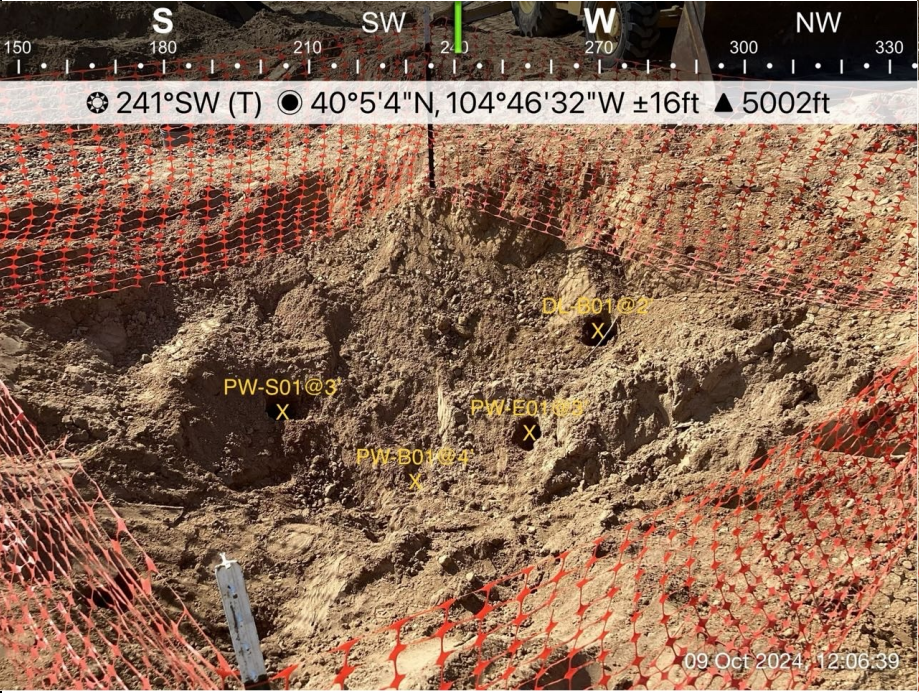

Prepared by Tasman, Inc.










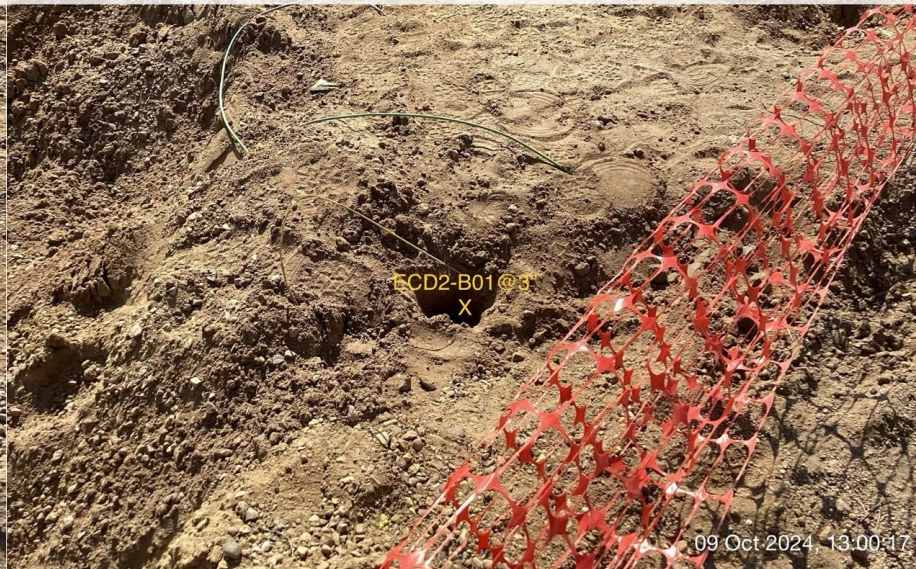
On behalf of Crestone Peak Resources Operating, LLC



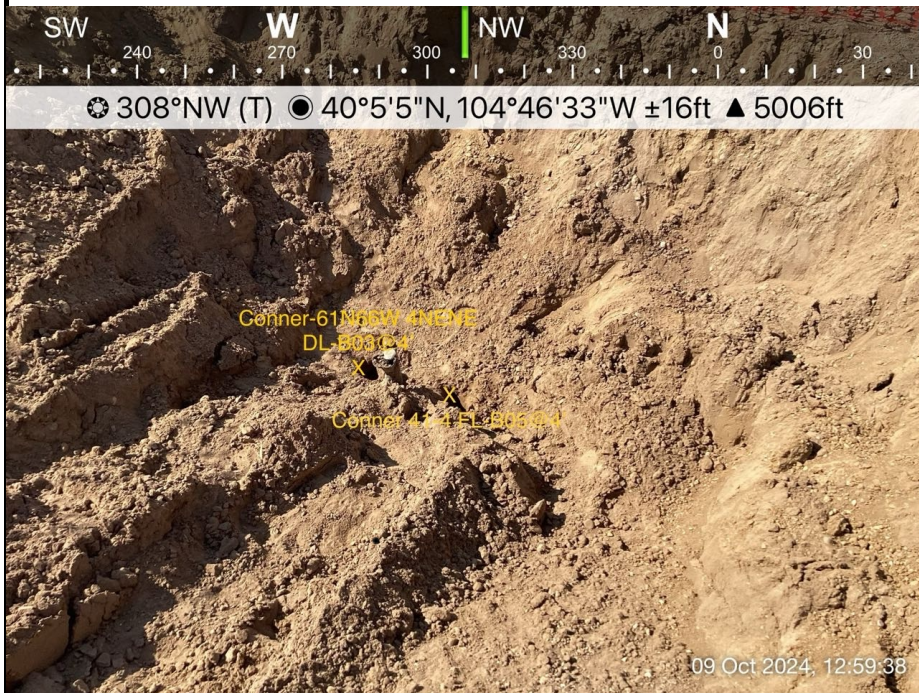
PHOTO LOG

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| Equipment ID: | | Equipment Type: | | Equipment ID: | | Equipment Type: | |
| Material: | | Volume: | | Material: | | Volume: | |
| Contents: | | | | Contents: | | | |
| Notes/Conditions: Soil sampling and screening locations | | | | Notes/Conditions: Soil screening locations | | | |

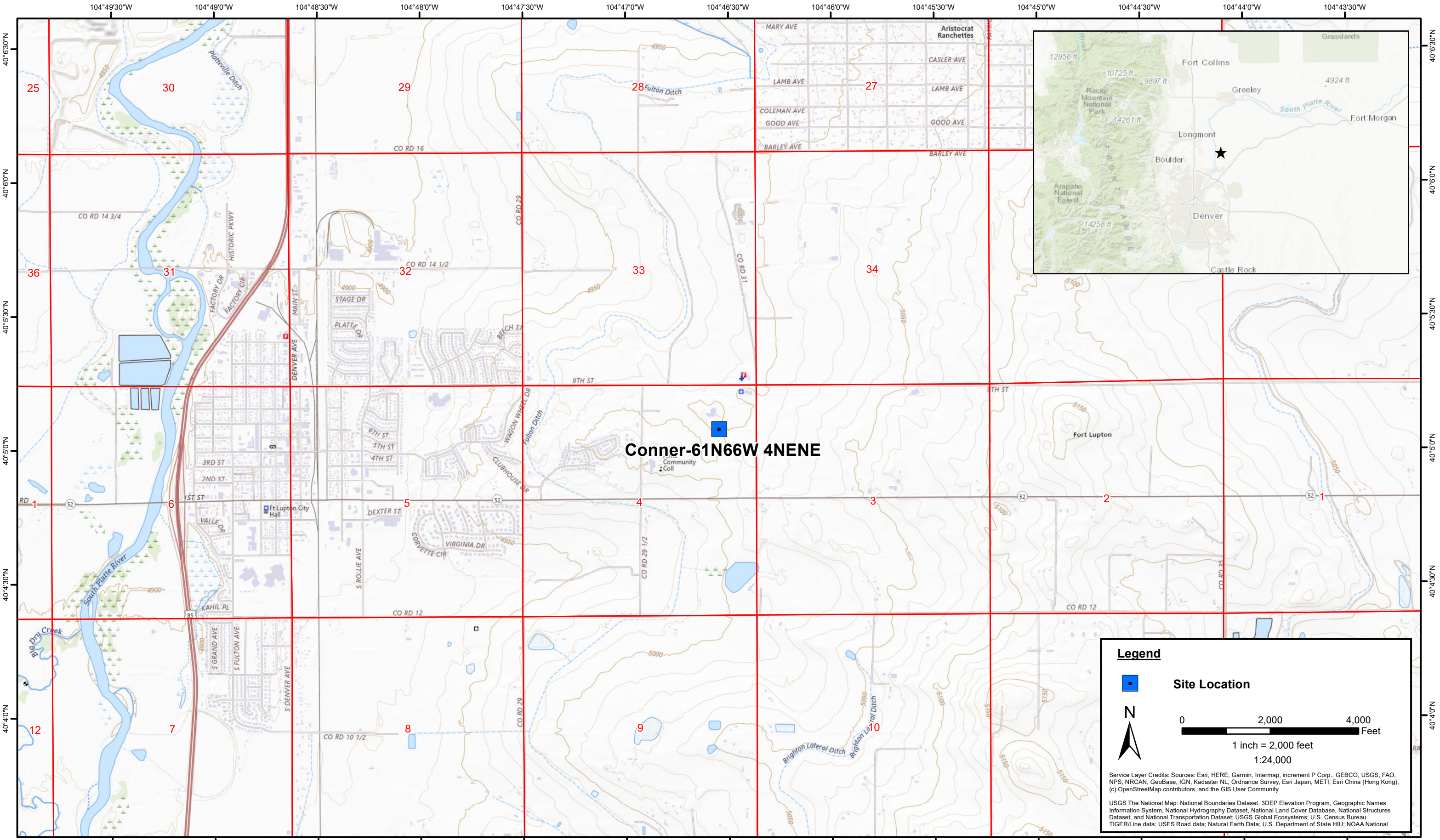
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| <p>☀ 172°S (T) ● 40°5'4"N, 104°46'32"W ±16ft ▲ 5001ft</p> | | | <p>☀ 252°W (T) ● 40°5'4"N, 104°46'32"W ±16ft ▲ 5002ft</p> | | | | |
|  <p>AST-B01@6 X</p> <p>09 Oct 2024 12:07:31</p> | | |  <p>DL-B02@6 X</p> <p>09 Oct 2024 12:07:35</p> | | | | |
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| Equipment ID: | | Equipment Type: | | Equipment ID: | | Equipment Type: | |
| Material: | | Volume: | | Material: | | Volume: | |
| Contents: | | | | Contents: | | | |
| Notes/Conditions: Soil sampling location | | | | Notes/Conditions: Soil sampling locations | | | |
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| 178°S (T) 40°5'5"N, 104°46'34"W ±16ft ▲ 5006ft | | | 181°S (T) 40°5'5"N, 104°46'33"W ±16ft ▲ 5006ft | | | | |
|  <p>ECD1-B01@3' X</p> <p>09 Oct 2024 12:25:05</p> | | |  <p>ECD2-B01@3' X</p> <p>09 Oct 2024 13:00:17</p> | | | | |
| | | | | | | | |
| Equipment ID: | | Equipment Type: | | Equipment ID: | | Equipment Type: | |
| Material: | | Volume: | | Material: | | Volume: | |
| | | Contents: | | | | Contents: | |
| Notes/Conditions: Soil screening location | | | | Notes/Conditions: Soil screening locations | | | |
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|  | | |  | | |
| 🌀 264°W (T) ● 40°5'5"N, 104°46'33"W ±16ft ▲ 5006ft | | | 🌀 341°N (T) ● 40°5'5"N, 104°46'33"W ±16ft ▲ 5005ft | | |
|  | | |  | | |
| | | | | | |
| Equipment ID: | | Equipment Type: | | Equipment ID: | |
| Material: | | Volume: | | Equipment Type: | |
| | | Contents: | | Material: | |
| | | | | Volume: | |
| | | | | Contents: | |
| Notes/Conditions: Soil sampling location | | | Notes/Conditions: Soil sampling location | | |
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| Material: | Volume: | Contents: | Material: | Volume: | Contents: |
| Notes/Conditions: Soil sampling location | | | Notes/Conditions: | | |

FIGURES



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|--------------|--------------|
| DATE: | October 2024 |
| DESIGNED BY: | S. Vogt |
| DRAWN BY: | L. Reed |

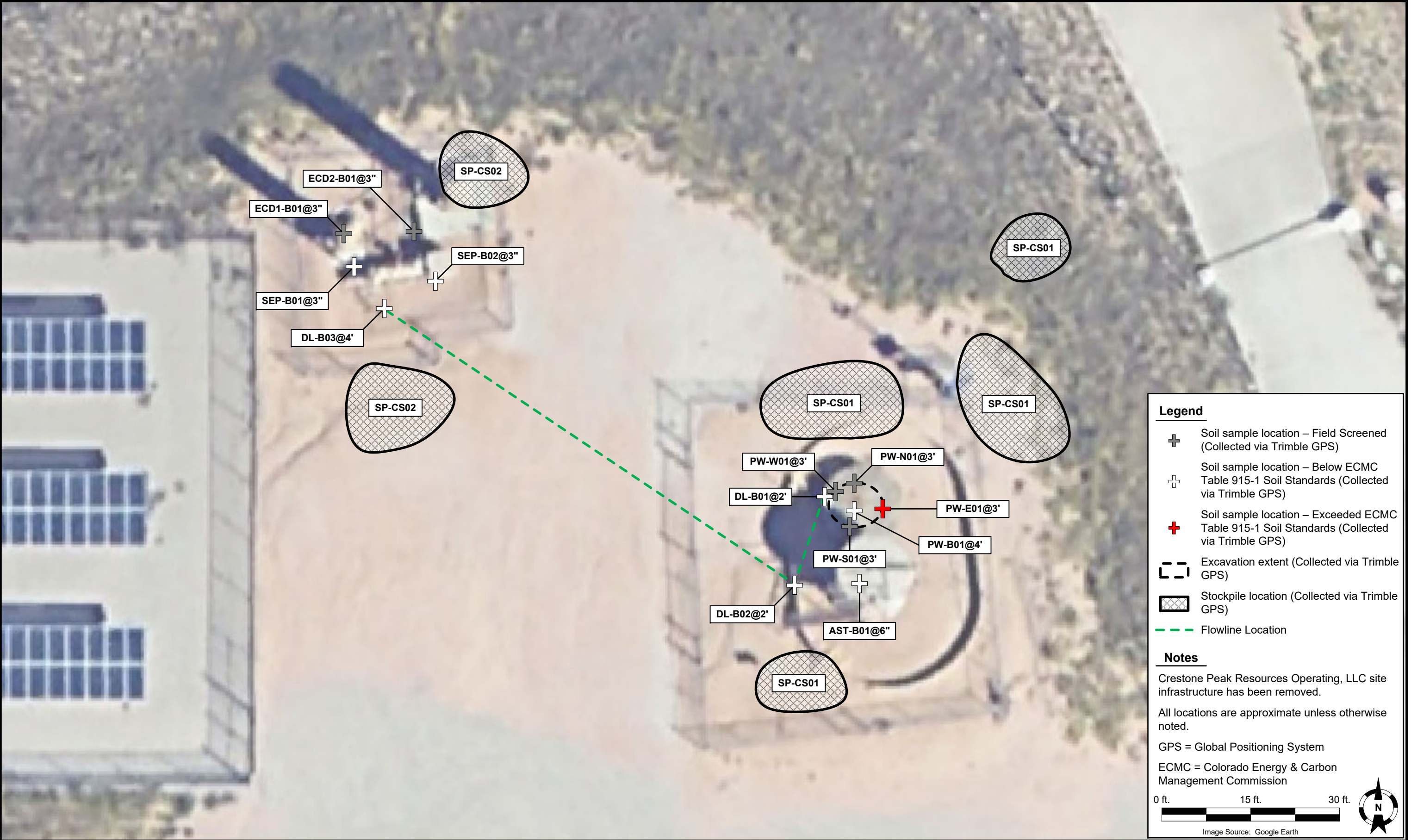


Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

Crestone Peak Resources Operating, LLC
Conner-61N66W 4NENE
NENE Sec. 4-T1N-R66W
Weld County, Colorado

Site Location Map

Figure
1



TABLES

TABLE 1
CONNER-61N66W 4NENE
SOIL SAMPLE LOCATIONS
CRESTONE PEAK RESOURCES OPERATING, LLC



| Soil Sample Location | Depth | Date | PID Reading (ppm) | Latitude | Longitude | GPS PDOP Value | Lab (Y/N) |
|----------------------|-------|------------|-------------------|-----------|-------------|----------------|-----------|
| PW-B01@4' | 4' | 10/09/2024 | 0.2 | 40.084679 | -104.775807 | 0.9 | Y |
| PW-N01@3' | 3' | 10/09/2024 | 1.0 | 40.084690 | -104.775807 | 0.9 | N |
| PW-S01@3' | 3' | 10/09/2024 | 1.3 | 40.084673 | -104.775809 | 0.9 | N |
| PW-E01@3' | 3' | 10/09/2024 | 10.6 | 40.084681 | -104.775791 | 0.9 | Y |
| PW-W01@3' | 3' | 10/09/2024 | 4.1 | 40.084684 | -104.775819 | 0.9 | N |
| SEP-B01@3" | 3" | 10/09/2024 | 1.1 | 40.084793 | -104.776108 | 0.8 | Y |
| SEP-B02@3" | 3" | 10/09/2024 | 0.4 | 40.084785 | -104.776059 | 0.8 | Y |
| AST-B01@6" | 6" | 10/09/2024 | 0.2 | 40.084645 | -104.775803 | 0.8 | Y |
| DL-B01@2' | 2' | 10/09/2024 | 0.0 | 40.084685 | -104.775825 | 0.9 | Y |
| DL-B02@2' | 2' | 10/09/2024 | 0.0 | 40.084645 | -104.775843 | 0.9 | Y |
| DL-B03@4' | 4' | 10/09/2024 | 1.4 | 40.084772 | -104.776089 | 0.8 | Y |
| ECD1-B01@3" | 3" | 10/09/2024 | 0.0 | 40.084808 | -104.776114 | 0.8 | N |
| ECD2-B02@3" | 3" | 10/09/2024 | 0.0 | 40.084833 | -104.776062 | 0.8 | N |
| SP-CS01 | - | 10/09/2024 | 0 | 40.084726 | -104.775816 | - | Y |
| SP-CS02 | - | 10/09/2024 | 0.1 | 40.084729 | -104.776102 | - | Y |

Notes:

PID = Photoionization Detector

ppm = parts per million

GPS = Global Positioning System

PDOP = Position Dilution of Precision

- = Not Applicable

TABLE 2
CONNER-61N66W 4NENE
SOIL ANALYTICAL DATA - VOCs
CRESTONE PEAK RESOURCES OPERATING, LLC



| Soil Sample Location | Depth | Date | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | Naphthalene (mg/kg) | TVPH-GRO (mg/kg) | TEPH-DRO (mg/kg) | TEPH-ORO (mg/kg) | 1,2,4-TMB (mg/kg) | 1,3,5-TMB (mg/kg) |
|---|-------|------------|-----------------|-----------------|----------------------|-----------------------|---------------------|------------------|------------------|------------------|-------------------|-------------------|
| ECMC Organic Compounds in Soils - GSSL ⁽¹⁾ | | | 0.0026 | 0.69 | 0.78 | 9.9 | 0.0038 | 500 | | | 0.0081 | 0.0087 |
| ECMC Organic Compounds in Soils - RSL ⁽²⁾ | | | 1.2 | 490 | 5.8 | 58 | 2 | 500 | | | 30 | 27 |
| PW-B01@4' | 4' | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| PW-E01@3' | 3' | 10/09/2024 | <0.00200 | 0.00730 | <0.00500 | <0.0100 | 0.00537 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| SEP-B01@3" | 3" | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| SEP-B02@3" | 3" | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| AST-B01@6" | 6" | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | 114 | 126 | <0.00500 | <0.00500 |
| DL-B01@2' | 2' | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| DL-B02@2' | 2' | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| DL-B03@4' | 4' | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| SP-CS01 | - | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |
| SP-CS02 | - | 10/09/2024 | <0.00200 | <0.00500 | <0.00500 | <0.0100 | <0.00408 | <0.500 | <50.0 | <50.0 | <0.00500 | <0.00500 |

Notes:

VOCs = Volatile Organic Compounds

(1) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = milligrams per kilogram

TVPH - GRO = Total Volatile Petroleum Hydrocarbons - Gasoline Range Organics

TEPH - DRO = Total Extractable Petroleum Hydrocarbons - Diesel Range Organics

TEPH - ORO = Total Extractable Petroleum Hydrocarbons - Oil Range Organics

1,2,4 - TMB = 1,2,4 - Trimethylbenzene

1,3,5 - TMB = 1,3,5 - Trimethylbenzene

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

Italics = Laboratory minimum detection limit exceeds the ECMC Table 915-1 standard

TABLE 3
CONNER-61N66W 4NENE
SOIL ANALYTICAL DATA - PAHs
CRESTONE PEAK RESOURCES OPERATING, LLC



| Soil Sample Location | Depth | Date | Acenaphthene (mg/kg) | Anthracene (mg/kg) | Benzo(a)A (mg/kg) | Benzo(b)F (mg/kg) | Benzo(k)F (mg/kg) | Benzo(a)P (mg/kg) | Chrysene (mg/kg) | D (a,h) A (mg/kg) | Fluoranthene (mg/kg) | Fluorene (mg/kg) | 1,2,3-CD (mg/kg) | 1-M (mg/kg) | 2-M (mg/kg) | Pyrene (mg/kg) |
|--|-------|------------|----------------------|--------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|----------------------|------------------|------------------|--------------|--------------|----------------|
| ECMC Organic Compounds in Soils - GSSL ⁽¹⁾ | | | 0.55 | 5.8 | 0.011 | 0.3 | 2.9 | 0.24 | 9 | 0.96 | 8.9 | 0.54 | 0.98 | 0.006 | 0.019 | 1.3 |
| ECMC Organic Compounds in Soils - RSL ⁽²⁾ | | | 360 | 1,800 | 1.1 | 1.1 | 11 | 0.11 | 110 | 0.11 | 240 | 240 | 1.1 | 18 | 24 | 180 |
| PW-B01@4' | 4' | 10/09/2024 | <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 |
| PW-E01@3' | 3' | 10/09/2024 | <0.00500 | 0.00728 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | 0.00732 | <0.00500 | <0.00500 | 0.00584 | <0.00500 |
| SEP-B01@3" | 3" | 10/09/2024 | <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 |
| SEP-B02@3" | 3" | 10/09/2024 | <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 |
| AST-B01@6" | 6" | 10/09/2024 | <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 |
| DL-B01@2' | 2' | 10/09/2024 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | <0.00500 | 0.00550 | <0.00500 |
| DL-B02@2' | 2' | 10/09/2024 | <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 |
| DL-B03@4' | 4' | 10/09/2024 | <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 |
| SP-CS01 | - | 10/09/2024 | <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 |
| SP-CS02 | - | 10/09/2024 | <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:

PAHs = Polycyclic Aromatic Hydrocarbons

(1) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = milligrams per kilogram

Benzo(a)A = Benzo(a)Anthracene

Benzo(b)F = Benzo(b)Fluoranthene

Benzo(k)F = Benzo(k)Fluoranthene

Benzo(a)P = Benzo(a)Pyrene

D (a,h) A = Dibenzo(a,h)Anthracene

1,2,3-CD = Indeno(1,2,3-cd)Pyrene

1-M = 1-Methylnaphthalene

2-M = 2-Methylnaphthalene

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

TABLE 4
CONNER-61N66W 4NENE
SOIL ANALYTICAL DATA - METALS
CRESTONE PEAK RESOURCES OPERATING, LLC



| Soil Sample Location | Depth | Date | Arsenic (mg/kg) | Barium (mg/kg) | Cadmium (mg/kg) | Chromium (VI) (mg/kg) | Copper (mg/kg) | Lead (mg/kg) | Nickel (mg/kg) | Selenium (mg/kg) | Silver (mg/kg) | Zinc (mg/kg) |
|--|-------|------------|-----------------|----------------|-----------------|-----------------------|----------------|--------------|----------------|------------------|----------------|--------------|
| ECMC Metals in Soils - GSSL ⁽¹⁾ | | | 0.29 | 82 | 0.38 | 0.00067 | 46 | 14 | 26 | 0.26 | 0.8 | 370 |
| ECMC Metals in Soils - RSL ⁽²⁾ | | | 0.68 | 15,000 | 71 | 0.3 | 3,100 | 400 | 1,500 | 390 | 390 | 23,000 |
| PW-B01@4' | 4' | 10/09/2024 | 1.38 | 44.4 | <0.200 | <0.300 | 3.46 | 4.39 | 3.98 | 0.321 | <0.0865 | 23.8 |
| PW-E01@3' | 3' | 10/09/2024 | 1.50 | 35.9 | <0.200 | <0.300 | 4.14 | 4.83 | 4.27 | 0.302 | <0.0865 | 39.6 |
| SEP-B01@3" | 3" | 10/09/2024 | 1.36 | 42.6 | <0.200 | <0.300 | 4.75 | 4.93 | 4.44 | <0.260 | <0.0865 | 21.7 |
| SEP-B02@3" | 3" | 10/09/2024 | 1.11 | 35.8 | <0.200 | <0.300 | 3.45 | 4.77 | 3.39 | <0.260 | <0.0865 | 20.2 |
| AST-B01@6" | 6" | 10/09/2024 | 0.965 | 15.9 | <0.200 | <0.300 | 2.77 | 4.66 | 2.53 | <0.260 | <0.0865 | 16.9 |
| DL-B01@2' | 2' | 10/09/2024 | 2.25 | 36.6 | <0.200 | <0.300 | 4.32 | 4.14 | 4.90 | <0.260 | <0.0865 | 22.7 |
| DL-B02@2' | 2' | 10/09/2024 | 0.919 | 26.3 | <0.200 | <0.300 | 2.47 | 3.50 | 2.54 | <0.260 | <0.0865 | 16.8 |
| DL-B03@4' | 4' | 10/09/2024 | 1.39 | 34.9 | <0.200 | <0.300 | 3.51 | 5.28 | 3.96 | 0.352 | <0.0865 | 22.5 |
| SP-CS01 | - | 10/09/2024 | 1.27 | 30.6 | <0.200 | <0.300 | 4.89 | 4.78 | 3.20 | 0.265 | <0.0865 | 36.2 |
| SP-CS02 | - | 10/09/2024 | 1.24 | 36.1 | <0.200 | <0.300 | 4.18 | 4.73 | 3.93 | 0.399 | <0.0865 | 16.2 |

Notes:

(1) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

(<) = Analytical result is less than the indicated laboratory minimum detection limit

mg/kg = milligrams per kilogram

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations

Italics = Laboratory minimum detection limit exceeds the ECMC Table 915-1 Standard

TABLE 5
CONNER-61N66W 4NENE
SOIL ANALYTICAL DATA - SOIL RECLAMATION
CRESTONE PEAK RESOURCES OPERATING, LLC



| Soil Sample Location | Depth | Date | pH | SAR | EC (mmhos/cm) | Boron (mg/L) |
|--|-------|------------|----------------|---------------|---------------|--------------|
| ECMC Soil Suitability for Reclamation⁽¹⁾ | | | 6 - 8.3 | < 6 | < 4 | 2 |
| PW-B01@4' | 4' | 10/09/2024 | 8.05 | 1.45 | 0.207 | <2.00 |
| PW-E01@3' | 3' | 10/09/2024 | 8.30 | 0.194 | 0.155 | <2.00 |
| SEP-B01@3" | 3" | 10/09/2024 | 7.24 | 0.211 | 0.0584 | <2.00 |
| SEP-B02@3" | 3" | 10/09/2024 | 6.36 | 0.523 | 0.374 | <2.00 |
| AST-B01@6" | 6" | 10/09/2024 | 7.17 | 0.135 | 0.0354 | <2.00 |
| DL-B01@2' | 2' | 10/09/2024 | 8.11 | 1.02 | 0.220 | <2.00 |
| DL-B02@2' | 2' | 10/09/2024 | 7.02 | 0.274 | 0.0341 | <2.00 |
| DL-B03@4' | 4' | 10/09/2024 | 7.80 | 0.216 | 0.138 | <2.00 |
| SP-CS01 | - | 10/09/2024 | 7.95 | 0.287 | 0.148 | <2.00 |
| SP-CS02 | - | 10/09/2024 | 8.05 | 0.241 | 0.136 | <2.00 |

Notes:

(1) Standards for soil are taken from ECMC Table 915-1: Soil Suitability for Reclamation (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mmhos/cm = millimhos per centimeter

mg/L = milligrams per liter

pH = Potential of Hydrogen

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

BOLD = Analytical result is in exceedance of ECMC Table 915-1: Soil Suitability for Reclamation Concentrations