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27 December 2022

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: COGCC Table 915-1

Enclosed are the results of analyses for samples received by the laboratory on 12/07/22 10:30. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Jeremy D Allen  
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: T104704514-22-15

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: T104704398-22-15



|                       |   |                  |
|-----------------------|---|------------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| SS08      | 2212101-01    | Solid  | 12/05/22 10:30 | 12/07/22 10:30 |       |

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|   |  |                             |
|---|--|-----------------------------|
| Cottonwood Consulting<br>PO Box 1653<br>Durango CO, 81302 | Project: COGCC Table 915-1<br>Project Name / Number: Box Elder K Tank Battery<br>Project Manager: Kyle Siesser | Reported:<br>12/27/22 11:23 |
|---|--|-----------------------------|

**SS08**

**2212101-01 (Soil)**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**General Chemistry**

|                     |        |       |       |           |    |                |                 |  |     |
|---------------------|--------|-------|-------|-----------|----|----------------|-----------------|--|-----|
| Hexavalent Chromium | <0.250 | 0.250 | 0.128 | mg/kg dry | 25 | 12/15/22 11:11 | 3060A/3500-Cr B |  | HTB |
|---------------------|--------|-------|-------|-----------|----|----------------|-----------------|--|-----|

**Saturated Paste Extraction**

|              |      |       |       |              |   |                |              |  |     |
|--------------|------|-------|-------|--------------|---|----------------|--------------|--|-----|
| Calcium      | 48.1 | 0.200 | 0.116 | mg/L         | 2 | 12/20/22 17:31 | EPA200.7     |  | AES |
| Conductivity | 1210 |       |       | umho/cm@25 C | 1 | 12/19/22 16:00 | ASA#9 10-3.3 |  | AWG |
| Magnesium    | 12.2 | 0.200 | 0.131 | mg/L         | 2 | 12/20/22 17:31 | EPA200.7     |  | AES |
| pH           | 9.07 |       |       | pH Units     | 1 | 12/19/22 16:00 | ASA#9 10-3.2 |  | AWG |
| SAR          | 6.67 |       |       | No Unit      | 1 | 12/20/22 17:31 | Calculation  |  | AES |
| Sodium       | 200  | 2.00  | 0.159 | mg/L         | 2 | 12/20/22 17:31 | EPA200.7     |  | AES |

**Total Metals by ICP**

|          |       |      |       |           |     |                |       |  |     |
|----------|-------|------|-------|-----------|-----|----------------|-------|--|-----|
| Barium   | 117   | 5.00 | 1.10  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Cadmium  | <5.00 | 5.00 | 2.54  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Chromium | 25.4  | 5.00 | 1.58  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Copper   | 8.88  | 5.00 | 2.83  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Lead     | <10.0 | 10.0 | 4.02  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Nickel   | 12.7  | 5.00 | 2.41  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Selenium | <20.0 | 20.0 | 5.39  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Silver   | <1.00 | 1.00 | 0.518 | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |
| Zinc     | 31.8  | 10.0 | 2.18  | mg/kg dry | 100 | 12/20/22 16:27 | 6010B |  | AES |

**Total Metals by ICPMS**

|         |      |      |       |           |      |                |       |  |     |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|
| Arsenic | 3.74 | 1.00 | 0.158 | mg/kg dry | 1000 | 12/20/22 16:05 | 6020A |  | AES |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|

**Hot Water Extractable**

|       |      |      |       |      |   |                |          |  |     |
|-------|------|------|-------|------|---|----------------|----------|--|-----|
| Boron | 1.41 | 1.20 | 0.568 | mg/L | 4 | 12/20/22 18:37 | EPA200.7 |  | AES |
|-------|------|------|-------|------|---|----------------|----------|--|-----|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

|                  |      |      |      |       |   |                |       |  |    |
|------------------|------|------|------|-------|---|----------------|-------|--|----|
| GRO C6-C10*      | 26.3 | 10.0 | 6.25 | mg/kg | 1 | 12/12/22 16:32 | 8015B |  | MS |
| DRO >C10-C28*    | 594  | 10.0 | 4.26 | mg/kg | 1 | 12/12/22 16:32 | 8015B |  | MS |
| EXT DRO >C28-C36 | 164  | 10.0 | 4.26 | mg/kg | 1 | 12/12/22 16:32 | 8015B |  | MS |

|                               |  |  |       |          |  |                |       |  |    |
|-------------------------------|--|--|-------|----------|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctane     |  |  | 114 % | 45.3-161 |  | 12/12/22 16:32 | 8015B |  | MS |
| Surrogate: 1-Chlorooctadecane |  |  | 134 % | 46.3-178 |  | 12/12/22 16:32 | 8015B |  | MS |

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|                       |   |                |
|-----------------------|---|----------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      |                |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | Reported:      |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23 |

SS08

2212101-01 (Soil)

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

VOLATILES BY GC/MS

|                                 |         |        |         |          |    |                |       |  |    |
|---------------------------------|---------|--------|---------|----------|----|----------------|-------|--|----|
| Benzene*                        | <0.0250 | 0.0250 | 0.00885 | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| Toluene*                        | <0.0250 | 0.0250 | 0.00670 | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| Ethylbenzene*                   | <0.0250 | 0.0250 | 0.00405 | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| m+p - Xylene*                   | <0.0500 | 0.0500 | 0.0186  | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| o-Xylene*                       | <0.0250 | 0.0250 | 0.00700 | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| Total Xylenes*                  | <0.0750 | 0.0750 | 0.0256  | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| 1,3,5-Trimethylbenzene          | <0.0250 | 0.0250 | 0.00450 | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| 1,2,4-Trimethylbenzene          | 0.729   | 0.0250 | 0.00650 | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| Naphthalene*                    | 0.0315  | 0.0250 | 0.00500 | mg/kg    | 50 | 12/14/22 14:27 | 8260B |  | MS |
| Surrogate: Dibromofluoromethane |         |        | 94.8 %  | 84.6-114 |    | 12/14/22 14:27 | 8260B |  | MS |
| Surrogate: Toluene-d8           |         |        | 98.0 %  | 90.4-109 |    | 12/14/22 14:27 | 8260B |  | MS |
| Surrogate: 4-Bromofluorobenzene |         |        | 107 %   | 82.5-117 |    | 12/14/22 14:27 | 8260B |  | MS |

Polynuclear Aromatic Compounds by GC/MS

I-03

|                            |        |       |        |          |     |                |       |   |    |
|----------------------------|--------|-------|--------|----------|-----|----------------|-------|---|----|
| Naphthalene*               | <0.153 | 0.400 | 0.153  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| 2-Methylnaphthalene*       | <0.226 | 0.400 | 0.226  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| 1-Methylnaphthalene        | <0.161 | 0.400 | 0.161  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Acenaphthene*              | <0.235 | 0.400 | 0.235  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Fluorene*                  | <0.142 | 0.400 | 0.142  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Anthracene*                | <0.172 | 0.400 | 0.172  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Fluoranthene*              | <0.185 | 0.400 | 0.185  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Pyrene*                    | <0.132 | 0.400 | 0.132  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Benzo[a]anthracene*        | <0.230 | 0.400 | 0.230  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Chrysene                   | 0.184  | 0.400 | 0.172  | mg/kg    | 400 | 12/21/22 20:53 | 8270C | J | CK |
| Benzo[b]flouranthene*      | <0.192 | 0.400 | 0.192  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Benzo[k]flouranthene*      | <0.157 | 0.400 | 0.157  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Benzo[a]pyrene*            | <0.182 | 0.400 | 0.182  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Indeno[1,2,3-cd]pyrene*    | <0.168 | 0.400 | 0.168  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Dibenz[a,h]anthracene*     | <0.186 | 0.400 | 0.186  | mg/kg    | 400 | 12/21/22 20:53 | 8270C |   | CK |
| Surrogate: Nitrobenzene-d5 |        |       | 64.8 % | 39.6-121 |     | 12/21/22 20:53 | 8270C |   | CK |

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| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**SS08**

**2212101-01 (Soil)**

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

**I-03**

|                             |        |          |  |  |  |                   |       |      |    |
|-----------------------------|--------|----------|--|--|--|-------------------|-------|------|----|
| Surrogate: 2-Fluorobiphenyl | 91.6 % | 39.8-134 |  |  |  | 12/21/22<br>20:53 | 8270C |      | CK |
| Surrogate: Terphenyl-d14    | 155 %  | 33.3-136 |  |  |  | 12/21/22<br>20:53 | 8270C | S-06 | CK |

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| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**General Chemistry - Quality Control**

| Analyte  | Result | Reporting Limit | Units     | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-----------|-------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch B223532 - General Prep - Wet Chem</b> |        |                 |           |             |               |      |             |     |           |       |
| <b>Blank (B223532-BLK1)</b>                    |        |                 |           |             |               |      |             |     |           |       |
| Prepared & Analyzed: 12/15/22                  |        |                 |           |             |               |      |             |     |           |       |
| Hexavalent Chromium                            | ND     | 0.250           | mg/kg dry |             |               |      |             |     |           |       |
| <b>LCS (B223532-BS1)</b>                       |        |                 |           |             |               |      |             |     |           |       |
| Prepared & Analyzed: 12/15/22                  |        |                 |           |             |               |      |             |     |           |       |
| Hexavalent Chromium                            | 2.43   | 0.250           | mg/kg dry | 2.50        |               | 97.4 | 85-115      |     |           |       |

**Saturated Paste Extraction - Quality Control**

| Analyte                               | Result | Reporting Limit | Units   | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------|--------|-----------------|---------|-------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch B223566 - Paste Extract</b>  |        |                 |         |             |               |      |             |     |           |       |
| <b>Blank (B223566-BLK1)</b>           |        |                 |         |             |               |      |             |     |           |       |
| Prepared: 12/19/22 Analyzed: 12/20/22 |        |                 |         |             |               |      |             |     |           |       |
| Calcium                               | ND     | 0.100           | mg/L    |             |               |      |             |     |           |       |
| Magnesium                             | ND     | 0.100           | mg/L    |             |               |      |             |     |           |       |
| SAR                                   | 0.00   |                 | No Unit |             |               |      |             |     |           |       |
| Sodium                                | ND     | 1.00            | mg/L    |             |               |      |             |     |           |       |

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|-----------------------|---|------------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**Total Metals by ICP - Quality Control**

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

**Batch B223553 - EPA 3050**

**Blank (B223553-BLK1)**

Prepared: 12/16/22 Analyzed: 12/20/22

|          |    |      |           |  |  |  |  |  |  |  |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Barium   | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Cadmium  | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Chromium | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Copper   | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Lead     | ND | 10.0 | mg/kg dry |  |  |  |  |  |  |  |
| Nickel   | ND | 5.00 | mg/kg dry |  |  |  |  |  |  |  |
| Selenium | ND | 20.0 | mg/kg dry |  |  |  |  |  |  |  |
| Silver   | ND | 1.00 | mg/kg dry |  |  |  |  |  |  |  |
| Zinc     | ND | 10.0 | mg/kg dry |  |  |  |  |  |  |  |

**LCS (B223553-BS1)**

Prepared: 12/16/22 Analyzed: 12/20/22

|          |      |      |           |      |      |        |  |  |  |  |
|----------|------|------|-----------|------|------|--------|--|--|--|--|
| Barium   | 201  | 5.00 | mg/kg dry | 200  | 100  | 80-120 |  |  |  |  |
| Cadmium  | 187  | 5.00 | mg/kg dry | 200  | 93.6 | 80-120 |  |  |  |  |
| Chromium | 200  | 5.00 | mg/kg dry | 200  | 100  | 80-120 |  |  |  |  |
| Copper   | 413  | 5.00 | mg/kg dry | 400  | 103  | 80-120 |  |  |  |  |
| Lead     | 194  | 10.0 | mg/kg dry | 200  | 96.9 | 80-120 |  |  |  |  |
| Nickel   | 194  | 5.00 | mg/kg dry | 200  | 97.1 | 80-120 |  |  |  |  |
| Selenium | 808  | 20.0 | mg/kg dry | 800  | 101  | 80-120 |  |  |  |  |
| Silver   | 9.52 | 1.00 | mg/kg dry | 10.0 | 95.2 | 80-120 |  |  |  |  |
| Zinc     | 181  | 10.0 | mg/kg dry | 200  | 90.6 | 80-120 |  |  |  |  |

**LCS Dup (B223553-BSD1)**

Prepared: 12/16/22 Analyzed: 12/20/22

|          |      |      |           |      |      |        |       |    |  |  |
|----------|------|------|-----------|------|------|--------|-------|----|--|--|
| Barium   | 200  | 5.00 | mg/kg dry | 200  | 100  | 80-120 | 0.214 | 20 |  |  |
| Cadmium  | 185  | 5.00 | mg/kg dry | 200  | 92.3 | 80-120 | 1.33  | 20 |  |  |
| Chromium | 199  | 5.00 | mg/kg dry | 200  | 99.4 | 80-120 | 0.598 | 20 |  |  |
| Copper   | 417  | 5.00 | mg/kg dry | 400  | 104  | 80-120 | 0.900 | 20 |  |  |
| Lead     | 187  | 10.0 | mg/kg dry | 200  | 93.3 | 80-120 | 3.87  | 20 |  |  |
| Nickel   | 189  | 5.00 | mg/kg dry | 200  | 94.4 | 80-120 | 2.83  | 20 |  |  |
| Selenium | 799  | 20.0 | mg/kg dry | 800  | 99.8 | 80-120 | 1.14  | 20 |  |  |
| Silver   | 9.68 | 1.00 | mg/kg dry | 10.0 | 96.8 | 80-120 | 1.59  | 20 |  |  |
| Zinc     | 174  | 10.0 | mg/kg dry | 200  | 87.1 | 80-120 | 3.84  | 20 |  |  |

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|---|--|------------------------------------|
| Cottonwood Consulting<br>PO Box 1653<br>Durango CO, 81302 | Project: COGCC Table 915-1<br>Project Name / Number: Box Elder K Tank Battery<br>Project Manager: Kyle Siesser | <b>Reported:</b><br>12/27/22 11:23 |
|---|--|------------------------------------|

**Total Metals by ICPMS - Quality Control**

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

**Batch B223554 - EPA 3050M**

**Blank (B223554-BLK1)**

Prepared: 12/16/22 Analyzed: 12/20/22

|         |    |      |           |  |  |  |  |  |  |  |
|---------|----|------|-----------|--|--|--|--|--|--|--|
| Arsenic | ND | 1.00 | mg/kg dry |  |  |  |  |  |  |  |
|---------|----|------|-----------|--|--|--|--|--|--|--|

**LCS (B223554-BS1)**

Prepared: 12/16/22 Analyzed: 12/20/22

|         |      |      |           |      |  |     |        |  |  |  |
|---------|------|------|-----------|------|--|-----|--------|--|--|--|
| Arsenic | 5.21 | 1.00 | mg/kg dry | 5.00 |  | 104 | 80-120 |  |  |  |
|---------|------|------|-----------|------|--|-----|--------|--|--|--|

**LCS Dup (B223554-BSD1)**

Prepared: 12/16/22 Analyzed: 12/20/22

|         |      |      |           |      |  |      |        |      |    |  |
|---------|------|------|-----------|------|--|------|--------|------|----|--|
| Arsenic | 4.89 | 1.00 | mg/kg dry | 5.00 |  | 97.9 | 80-120 | 6.19 | 20 |  |
|---------|------|------|-----------|------|--|------|--------|------|----|--|

**Hot Water Extractable - Quality Control**

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

**Batch B223549 - Hot Water Soluble Metals Extract**

**Blank (B223549-BLK1)**

Prepared: 12/16/22 Analyzed: 12/20/22

|       |    |      |      |  |  |  |  |  |  |  |
|-------|----|------|------|--|--|--|--|--|--|--|
| Boron | ND | 1.20 | mg/L |  |  |  |  |  |  |  |
|-------|----|------|------|--|--|--|--|--|--|--|

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|                       |   |                  |
|-----------------------|---|------------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**Petroleum Hydrocarbons by GC FID - Quality Control**

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

**Batch 2121212 - General Prep - Organics**

**Blank (2121212-BLK1)**

Prepared & Analyzed: 12/12/22

|                               |      |      |       |      |  |      |          |  |  |  |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 47.8 |      | mg/kg | 50.0 |  | 95.6 | 46.3-178 |  |  |  |
| Surrogate: 1-Chlorooctane     | 50.3 |      | mg/kg | 50.0 |  | 101  | 45.3-161 |  |  |  |
| DRO >C10-C28                  | ND   | 10.0 | mg/kg |      |  |      |          |  |  |  |
| EXT DRO >C28-C36              | ND   | 10.0 | mg/kg |      |  |      |          |  |  |  |
| GRO C6-C10                    | ND   | 10.0 | mg/kg |      |  |      |          |  |  |  |

**LCS (2121212-BS1)**

Prepared & Analyzed: 12/12/22

|                               |      |      |       |      |  |      |          |  |  |  |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 49.3 |      | mg/kg | 50.0 |  | 98.7 | 46.3-178 |  |  |  |
| Surrogate: 1-Chlorooctane     | 55.3 |      | mg/kg | 50.0 |  | 111  | 45.3-161 |  |  |  |
| DRO >C10-C28                  | 191  | 10.0 | mg/kg | 200  |  | 95.6 | 74.9-127 |  |  |  |
| GRO C6-C10                    | 207  | 10.0 | mg/kg | 200  |  | 104  | 76.8-124 |  |  |  |
| Total TPH C6-C28              | 399  | 10.0 | mg/kg | 400  |  | 99.7 | 77.5-124 |  |  |  |

**LCS Dup (2121212-BSD1)**

Prepared & Analyzed: 12/12/22

|                               |      |      |       |      |  |      |          |      |      |  |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| Surrogate: 1-Chlorooctadecane | 50.6 |      | mg/kg | 50.0 |  | 101  | 46.3-178 |      |      |  |
| Surrogate: 1-Chlorooctane     | 55.5 |      | mg/kg | 50.0 |  | 111  | 45.3-161 |      |      |  |
| DRO >C10-C28                  | 196  | 10.0 | mg/kg | 200  |  | 97.9 | 74.9-127 | 2.29 | 18.6 |  |
| GRO C6-C10                    | 212  | 10.0 | mg/kg | 200  |  | 106  | 76.8-124 | 2.43 | 17.2 |  |
| Total TPH C6-C28              | 408  | 10.0 | mg/kg | 400  |  | 102  | 77.5-124 | 2.36 | 17.6 |  |

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|                       |   |                |
|-----------------------|---|----------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      | Reported:      |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | 12/27/22 11:23 |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   |                |

**VOLATILES BY GC/MS - Quality Control**

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

**Batch 2121412 - Volatiles**

**Blank (2121412-BLK1)**

Prepared & Analyzed: 12/14/22

|  |             |        |       |             |  |             |                 |  |  |  |
|--|-------------|--------|-------|-------------|--|-------------|-----------------|--|--|--|
| 1,2,4-Trimethylbenzene                 | ND          | 0.0250 | mg/kg |             |  |             |                 |  |  |  |
| 1,3,5-Trimethylbenzene                 | ND          | 0.0250 | mg/kg |             |  |             |                 |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>1.24</i> |        | mg/kg | <i>1.25</i> |  | <i>99.5</i> | <i>82.5-117</i> |  |  |  |
| Benzene                                | ND          | 0.0250 | mg/kg |             |  |             |                 |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | <i>1.15</i> |        | mg/kg | <i>1.25</i> |  | <i>92.1</i> | <i>84.6-114</i> |  |  |  |
| Ethylbenzene                           | ND          | 0.0250 | mg/kg |             |  |             |                 |  |  |  |
| m+p - Xylene                           | ND          | 0.0500 | mg/kg |             |  |             |                 |  |  |  |
| Naphthalene                            | ND          | 0.0250 | mg/kg |             |  |             |                 |  |  |  |
| o-Xylene                               | ND          | 0.0250 | mg/kg |             |  |             |                 |  |  |  |
| Toluene                                | ND          | 0.0250 | mg/kg |             |  |             |                 |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | <i>1.23</i> |        | mg/kg | <i>1.25</i> |  | <i>98.2</i> | <i>90.4-109</i> |  |  |  |
| Total Xylenes                          | ND          | 0.0750 | mg/kg |             |  |             |                 |  |  |  |

**LCS (2121412-BS1)**

Prepared & Analyzed: 12/14/22

|  |             |        |       |             |  |             |                 |  |  |  |
|--|-------------|--------|-------|-------------|--|-------------|-----------------|--|--|--|
| 1,2,4-Trimethylbenzene                 | 0.566       | 0.0250 | mg/kg | 0.500       |  | 113         | 62.4-140        |  |  |  |
| 1,3,5-Trimethylbenzene                 | 0.554       | 0.0250 | mg/kg | 0.500       |  | 111         | 64.4-138        |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>1.24</i> |        | mg/kg | <i>1.25</i> |  | <i>99.5</i> | <i>82.5-117</i> |  |  |  |
| Benzene                                | 0.562       | 0.0250 | mg/kg | 0.500       |  | 112         | 73-130          |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | <i>1.15</i> |        | mg/kg | <i>1.25</i> |  | <i>92.2</i> | <i>84.6-114</i> |  |  |  |
| Ethylbenzene                           | 0.550       | 0.0250 | mg/kg | 0.500       |  | 110         | 75.4-127        |  |  |  |
| m+p - Xylene                           | 1.11        | 0.0500 | mg/kg | 1.00        |  | 111         | 71.8-133        |  |  |  |
| Naphthalene                            | 0.485       | 0.0250 | mg/kg | 0.500       |  | 97.0        | 28.7-158        |  |  |  |
| o-Xylene                               | 0.534       | 0.0250 | mg/kg | 0.500       |  | 107         | 78.6-125        |  |  |  |
| Toluene                                | 0.559       | 0.0250 | mg/kg | 0.500       |  | 112         | 79-122          |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | <i>1.26</i> |        | mg/kg | <i>1.25</i> |  | <i>101</i>  | <i>90.4-109</i> |  |  |  |
| Total Xylenes                          | 1.65        | 0.0750 | mg/kg | 1.50        |  | 110         | 74.6-130        |  |  |  |

**LCS Dup (2121412-BSD1)**

Prepared & Analyzed: 12/14/22

|  |             |        |       |             |  |             |                 |       |      |  |
|--|-------------|--------|-------|-------------|--|-------------|-----------------|-------|------|--|
| 1,2,4-Trimethylbenzene                 | 0.549       | 0.0250 | mg/kg | 0.500       |  | 110         | 62.4-140        | 3.00  | 38.2 |  |
| 1,3,5-Trimethylbenzene                 | 0.550       | 0.0250 | mg/kg | 0.500       |  | 110         | 64.4-138        | 0.795 | 39.1 |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>1.26</i> |        | mg/kg | <i>1.25</i> |  | <i>101</i>  | <i>82.5-117</i> |       |      |  |
| Benzene                                | 0.553       | 0.0250 | mg/kg | 0.500       |  | 111         | 73-130          | 1.54  | 17.1 |  |
| <i>Surrogate: Dibromofluoromethane</i> | <i>1.20</i> |        | mg/kg | <i>1.25</i> |  | <i>95.7</i> | <i>84.6-114</i> |       |      |  |
| Ethylbenzene                           | 0.536       | 0.0250 | mg/kg | 0.500       |  | 107         | 75.4-127        | 2.56  | 16.5 |  |
| m+p - Xylene                           | 1.10        | 0.0500 | mg/kg | 1.00        |  | 110         | 71.8-133        | 1.41  | 19.1 |  |
| Naphthalene                            | 0.442       | 0.0250 | mg/kg | 0.500       |  | 88.3        | 28.7-158        | 9.37  | 64   |  |
| o-Xylene                               | 0.547       | 0.0250 | mg/kg | 0.500       |  | 109         | 78.6-125        | 2.34  | 13.2 |  |
| Toluene                                | 0.554       | 0.0250 | mg/kg | 0.500       |  | 111         | 79-122          | 0.825 | 18.3 |  |

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|                       |   |                  |
|-----------------------|---|------------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**VOLATILES BY GC/MS - Quality Control  
(Continued)**

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

**Batch 2121412 - Volatiles (Continued)**

**LCS Dup (2121412-BSD1) (Continued)**

Prepared & Analyzed: 12/14/22

|                       |      |        |       |      |  |     |          |       |      |  |
|-----------------------|------|--------|-------|------|--|-----|----------|-------|------|--|
| Surrogate: Toluene-d8 | 1.26 |        | mg/kg | 1.25 |  | 101 | 90.4-109 |       |      |  |
| Total Xylenes         | 1.65 | 0.0750 | mg/kg | 1.50 |  | 110 | 74.6-130 | 0.176 | 16.5 |  |

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|                       |   |                  |
|-----------------------|---|------------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**Polynuclear Aromatic Compounds by GC/MS - Quality Control**

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

**Batch 2121312 - SW846-3510**

**Blank (2121312-BLK1)**

Prepared & Analyzed: 12/21/22

|                                    |      |       |       |      |  |      |          |  |  |      |
|------------------------------------|------|-------|-------|------|--|------|----------|--|--|------|
| 1-Methylnaphthalene                | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| <i>Surrogate: 2-Fluorobiphenyl</i> | 1.69 |       | mg/kg | 2.00 |  | 84.7 | 39.8-134 |  |  |      |
| 2-Methylnaphthalene                | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Acenaphthene                       | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Anthracene                         | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Benzo[a]anthracene                 | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Benzo[a]pyrene                     | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Benzo[b]flouranthene               | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Benzo[k]flouranthene               | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Chrysene                           | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Dibenz[a,h]anthracene              | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Fluoranthene                       | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Fluorene                           | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Indeno[1,2,3-cd]pyrene             | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| Naphthalene                        | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| <i>Surrogate: Nitrobenzene-d5</i>  | 1.77 |       | mg/kg | 2.00 |  | 88.4 | 39.6-121 |  |  |      |
| Pyrene                             | ND   | 0.040 | mg/kg |      |  |      |          |  |  |      |
| <i>Surrogate: Terphenyl-d14</i>    | 3.12 |       | mg/kg | 2.00 |  | 156  | 33.3-136 |  |  | S-04 |

**LCS (2121312-BS1)**

Prepared & Analyzed: 12/21/22

|                                    |       |       |       |       |  |      |          |  |  |  |
|------------------------------------|-------|-------|-------|-------|--|------|----------|--|--|--|
| 1-Methylnaphthalene                | 0.296 | 0.040 | mg/kg | 0.400 |  | 74.1 | 57.6-108 |  |  |  |
| <i>Surrogate: 2-Fluorobiphenyl</i> | 1.67  |       | mg/kg | 2.00  |  | 83.5 | 39.8-134 |  |  |  |
| 2-Methylnaphthalene                | 0.292 | 0.040 | mg/kg | 0.400 |  | 73.0 | 59-106   |  |  |  |
| Acenaphthene                       | 0.298 | 0.040 | mg/kg | 0.400 |  | 74.6 | 60.9-105 |  |  |  |
| Acenaphthylene                     | 0.307 | 0.040 | mg/kg | 0.400 |  | 76.9 | 57.4-107 |  |  |  |
| Anthracene                         | 0.318 | 0.040 | mg/kg | 0.400 |  | 79.5 | 60.8-105 |  |  |  |
| Benzo[a]anthracene                 | 0.306 | 0.040 | mg/kg | 0.400 |  | 76.6 | 56.1-121 |  |  |  |
| Benzo[a]pyrene                     | 0.302 | 0.040 | mg/kg | 0.400 |  | 75.5 | 56.7-115 |  |  |  |
| Benzo[b]flouranthene               | 0.310 | 0.040 | mg/kg | 0.400 |  | 77.5 | 45.4-128 |  |  |  |
| Benzo[g,h,i]perylene               | 0.314 | 0.040 | mg/kg | 0.400 |  | 78.6 | 56.5-107 |  |  |  |
| Benzo[k]flouranthene               | 0.307 | 0.040 | mg/kg | 0.400 |  | 76.8 | 49.6-119 |  |  |  |
| Carbazole                          | 0.318 | 0.040 | mg/kg | 0.400 |  | 79.5 | 59.7-107 |  |  |  |
| Chrysene                           | 0.312 | 0.040 | mg/kg | 0.400 |  | 78.1 | 12.2-190 |  |  |  |
| Dibenz[a,h]anthracene              | 0.318 | 0.040 | mg/kg | 0.400 |  | 79.4 | 59.1-111 |  |  |  |
| Fluoranthene                       | 0.311 | 0.040 | mg/kg | 0.400 |  | 77.7 | 60.6-111 |  |  |  |
| Fluorene                           | 0.307 | 0.040 | mg/kg | 0.400 |  | 76.8 | 59.3-108 |  |  |  |
| Indeno[1,2,3-cd]pyrene             | 0.331 | 0.040 | mg/kg | 0.400 |  | 82.8 | 53.4-116 |  |  |  |
| Naphthalene                        | 0.300 | 0.040 | mg/kg | 0.400 |  | 74.9 | 56.5-106 |  |  |  |

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|                       |   |                  |
|-----------------------|---|------------------|
| Cottonwood Consulting | Project: COGCC Table 915-1                      |                  |
| PO Box 1653           | Project Name / Number: Box Elder K Tank Battery | <b>Reported:</b> |
| Durango CO, 81302     | Project Manager: Kyle Siesser                   | 12/27/22 11:23   |

**Polynuclear Aromatic Compounds by GC/MS - Quality Control  
(Continued)**

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

**Batch 2121312 - SW846-3510 (Continued)**

**LCS (2121312-BS1) (Continued)**

Prepared & Analyzed: 12/21/22

|                                   |       |       |       |       |  |      |          |  |  |      |
|-----------------------------------|-------|-------|-------|-------|--|------|----------|--|--|------|
| <i>Surrogate: Nitrobenzene-d5</i> | 1.28  |       | mg/kg | 2.00  |  | 64.2 | 39.6-121 |  |  |      |
| Phenanthrene                      | 0.319 | 0.040 | mg/kg | 0.400 |  | 79.8 | 59.9-107 |  |  |      |
| Pyrene                            | 0.296 | 0.040 | mg/kg | 0.400 |  | 74.0 | 51.5-122 |  |  |      |
| <i>Surrogate: Terphenyl-d14</i>   | 3.11  |       | mg/kg | 2.00  |  | 155  | 33.3-136 |  |  | S-04 |

**LCS Dup (2121312-BSD1)**

Prepared & Analyzed: 12/21/22

|                                    |       |       |       |       |  |      |          |       |      |       |
|------------------------------------|-------|-------|-------|-------|--|------|----------|-------|------|-------|
| 1-Methylnaphthalene                | 0.324 | 0.040 | mg/kg | 0.400 |  | 80.9 | 57.6-108 | 8.75  | 6.22 | QR-04 |
| <i>Surrogate: 2-Fluorobiphenyl</i> | 1.57  |       | mg/kg | 2.00  |  | 78.7 | 39.8-134 |       |      |       |
| 2-Methylnaphthalene                | 0.318 | 0.040 | mg/kg | 0.400 |  | 79.5 | 59-106   | 8.56  | 6.23 | QR-04 |
| Acenaphthene                       | 0.295 | 0.040 | mg/kg | 0.400 |  | 73.8 | 60.9-105 | 1.10  | 8.18 |       |
| Acenaphthylene                     | 0.308 | 0.040 | mg/kg | 0.400 |  | 77.1 | 57.4-107 | 0.286 | 5    |       |
| Anthracene                         | 0.338 | 0.040 | mg/kg | 0.400 |  | 84.6 | 60.8-105 | 6.22  | 3.68 | QR-04 |
| Benzo[a]anthracene                 | 0.308 | 0.040 | mg/kg | 0.400 |  | 76.9 | 56.1-121 | 0.495 | 9.01 |       |
| Benzo[a]pyrene                     | 0.298 | 0.040 | mg/kg | 0.400 |  | 74.5 | 56.7-115 | 1.35  | 4.92 |       |
| Benzo[b]fluoranthene               | 0.317 | 0.040 | mg/kg | 0.400 |  | 79.2 | 45.4-128 | 2.27  | 7.63 |       |
| Benzo[g,h,i]perylene               | 0.306 | 0.040 | mg/kg | 0.400 |  | 76.6 | 56.5-107 | 2.56  | 12.5 |       |
| Benzo[k]fluoranthene               | 0.317 | 0.040 | mg/kg | 0.400 |  | 79.3 | 49.6-119 | 3.26  | 10.6 |       |
| Carbazole                          | 0.335 | 0.040 | mg/kg | 0.400 |  | 83.7 | 59.7-107 | 5.20  | 8.65 |       |
| Chrysene                           | 0.316 | 0.040 | mg/kg | 0.400 |  | 79.1 | 12.2-190 | 1.23  | 21.8 |       |
| Dibenz[a,h]anthracene              | 0.310 | 0.040 | mg/kg | 0.400 |  | 77.6 | 59.1-111 | 2.35  | 11.6 |       |
| Fluoranthene                       | 0.329 | 0.040 | mg/kg | 0.400 |  | 82.1 | 60.6-111 | 5.50  | 7.54 |       |
| Fluorene                           | 0.305 | 0.040 | mg/kg | 0.400 |  | 76.2 | 59.3-108 | 0.771 | 5.49 |       |
| Indeno[1,2,3-cd]pyrene             | 0.319 | 0.040 | mg/kg | 0.400 |  | 79.8 | 53.4-116 | 3.61  | 22.3 |       |
| Naphthalene                        | 0.335 | 0.040 | mg/kg | 0.400 |  | 83.7 | 56.5-106 | 11.1  | 4.56 | QR-04 |
| <i>Surrogate: Nitrobenzene-d5</i>  | 1.44  |       | mg/kg | 2.00  |  | 71.8 | 39.6-121 |       |      |       |
| Phenanthrene                       | 0.348 | 0.040 | mg/kg | 0.400 |  | 87.0 | 59.9-107 | 8.67  | 5.21 | QR-04 |
| Pyrene                             | 0.311 | 0.040 | mg/kg | 0.400 |  | 77.7 | 51.5-122 | 5.00  | 10.6 |       |
| <i>Surrogate: Terphenyl-d14</i>    | 2.41  |       | mg/kg | 2.00  |  | 120  | 33.3-136 |       |      |       |

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: COGCC Table 915-1  
Project Name / Number: Box Elder K Tank Battery  
Project Manager: Kyle Siesser

Reported:  
12/27/22 11:23

### Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QR-04 The RPD for the BS/BSD was outside of historical limits.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- I-03 This result was extracted outside of the EPA recommended holding time of 14 days.
- 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  
\*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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 75 Suttle St Durango, CO 81303

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

|   |  |   |  |                                |  |                         |  |
|---|--|---|--|--------------------------------|--|-------------------------|--|
| Company Name: Cottonwood Consulting LLC |  | P. O. #:  |  | Bill to (if different):        |  | <b>ANALYSIS REQUEST</b> |  |
| Project Manager: Kyle Siesser           |  | Company:  |  |                                |  |                         |  |
| Address: PO Box 1653                    |  | Attn:   |  |                                |  |                         |  |
| City: Durango                           |  | State: CO                                       |  | Zip: 81302                     |  |                         |  |
| Phone #: 970-764-7356                   |  | Email: ksiesser@cottonwoodconsulting.com        |  | Address:                       |  |                         |  |
| Additional Report To:                   |  | City:   |  | State:                         |  | Zip:                    |  |
| Project Name: Box Elder Tank Battery    |  | Phone #:  |  | Fax or Email:                  |  |                         |  |
| Project Number:                         |  | Sample Name (Print): Emma Miller Kelsey O'Brien |  | FOR LAB USE ONLY               |  |                         |  |
| Lab ID: 2212-101                        |  | Sample Name or Location: 5508                   |  | Collected                      |  |                         |  |
| Date: 12/5/22                           |  | Time: 1030                                      |  | Matrix (check one)             |  | # of containers         |  |
|   |  |   |  | GROUNDWATER                    |  |                         |  |
|   |  |   |  | SURFACEWATER                   |  |                         |  |
|   |  |   |  | WASTEWATER                     |  |                         |  |
|   |  |   |  | PRODUCEDWATER                  |  |                         |  |
|   |  |   |  | SOIL                           |  | X                       |  |
|   |  |   |  | OTHER :                        |  | 3                       |  |
|   |  |   |  | No preservation (general)      |  |                         |  |
|   |  |   |  | HNO <sub>3</sub>               |  |                         |  |
|   |  |   |  | HCl                            |  |                         |  |
|   |  |   |  | H <sub>2</sub> SO <sub>4</sub> |  |                         |  |
|   |  |   |  | Other:                         |  |                         |  |
|   |  |   |  | Other:                         |  |                         |  |
|   |  |   |  | COGCC Table 915                |  | X                       |  |

PLEASE NOTE: GAL's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by GAL within 30 days after completion. In no event shall GAL be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

**Relinquished By:** Wm O'Brien      Date: 12/7/22      Received By: [Signature]      Report to State? (Circle) No

Date: 1030      Time: 1030

Date: \_\_\_\_\_      Time: \_\_\_\_\_

Date: \_\_\_\_\_      Time: \_\_\_\_\_

Date: \_\_\_\_\_      Time: \_\_\_\_\_

Delivered By: (Circle One) UPS - FedEx - Kangaroo - Other:      Temperature at receipt: 4.30c      CHECKED BY: [Signature]

Additional Remarks: LOSER #2 ON ICE

Please provide Cottonwood EDD

\* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.