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12 August 2022

Sabre Beebe
Simcoe LLC
1199 Main Ave Suite 101
Durango, CO 81301
RE: COGCC Table 915-1

Enclosed are the results of analyses for samples received by the laboratory on 07/26/22 10:07. 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, reading 'Jeremy D. Allen', is written in a cursive style.

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: T104704514-22-14

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



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Simcoe LLC
1199 Main Ave Suite 101
Durango CO, 81301

Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received | Notes |
|-----------------------|---------------|--------|----------------|----------------|-------|
| SS01 Point of Release | 2207271-01 | Solid | 07/26/22 06:26 | 07/26/22 10:07 | |

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Jeremy D Allen, Laboratory Director

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Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

SS01 Point of Release

2207271-01 (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 | 08/01/22 15:20 | 3060A/3500-Cr B | M5 | AES |
|---------------------|--------|-------|-------|-----------|----|----------------|-----------------|----|-----|

Saturated Paste Extraction

| | | | | | | | | | |
|--------------|------|------|-------|------------------|----|----------------|--------------|--|-----|
| Calcium | 33.4 | 1.00 | 0.579 | mg/L | 10 | 07/29/22 11:33 | EPA200.7 | | AES |
| Conductivity | 4380 | | | umho/cm @ 25.0°C | 1 | 07/28/22 15:30 | ASA#9 10-3.3 | | QEB |
| Magnesium | 7.70 | 1.00 | 0.654 | mg/L | 10 | 07/29/22 11:33 | EPA200.7 | | AES |
| pH | 8.37 | | | pH Units | 1 | 07/28/22 15:30 | ASA#9 10-3.2 | | QEB |
| SAR | 33.9 | | | No Unit | 1 | 07/29/22 11:33 | Calculation | | AES |
| Sodium | 835 | 10.0 | 0.793 | mg/L | 10 | 07/29/22 11:33 | EPA200.7 | | AES |

Total Metals by ICP

| | | | | | | | | | |
|----------|-------|------|-------|-----------|-----|----------------|-------|--|-----|
| Barium | 281 | 5.00 | 1.10 | mg/kg dry | 100 | 07/29/22 12:16 | 6010B | | AES |
| Cadmium | <5.00 | 5.00 | 2.54 | mg/kg dry | 100 | 08/01/22 15:20 | 6010B | | AES |
| Chromium | 15.7 | 5.00 | 1.58 | mg/kg dry | 100 | 07/29/22 12:16 | 6010B | | AES |
| Copper | 12.5 | 5.00 | 2.83 | mg/kg dry | 100 | 07/29/22 12:16 | 6010B | | AES |
| Lead | <10.0 | 10.0 | 4.02 | mg/kg dry | 100 | 07/29/22 12:16 | 6010B | | AES |
| Nickel | 11.4 | 5.00 | 2.41 | mg/kg dry | 100 | 08/01/22 15:20 | 6010B | | AES |
| Selenium | <20.0 | 20.0 | 5.39 | mg/kg dry | 100 | 07/29/22 12:16 | 6010B | | AES |
| Silver | <1.00 | 1.00 | 0.518 | mg/kg dry | 100 | 07/29/22 12:16 | 6010B | | AES |
| Zinc | 36.3 | 10.0 | 2.18 | mg/kg dry | 100 | 08/05/22 13:11 | 6010B | | AES |

Total Metals by ICPMS

| | | | | | | | | | |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|
| Arsenic | 2.77 | 1.00 | 0.158 | mg/kg dry | 1000 | 08/05/22 11:39 | 6020A | | AES |
|---------|------|------|-------|-----------|------|----------------|-------|--|-----|

Hot Water Extractable

| | | | | | | | | | |
|-------|------|------|-------|------|---|----------------|----------|--|-----|
| Boron | 1.36 | 1.20 | 0.568 | mg/L | 4 | 07/29/22 11:46 | EPA200.7 | | AES |
|-------|------|------|-------|------|---|----------------|----------|--|-----|

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

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 08/03/22 01:09 | 8015B | | MS |
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 08/03/22 01:09 | 8015B | | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 08/03/22 01:09 | 8015B | | MS |

| | | | | | |
|-------------------------------|--------|----------|----------------|-------|----|
| Surrogate: 1-Chlorooctane | 97.8 % | 43-149 | 08/03/22 01:09 | 8015B | MS |
| Surrogate: 1-Chlorooctadecane | 91.8 % | 42.5-161 | 08/03/22 01:09 | 8015B | MS |

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Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

SS01 Point of Release

2207271-01 (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 | 08/04/22 14:00 | 8260B | | MS |
| Toluene* | <0.0250 | 0.0250 | 0.00670 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |
| Ethylbenzene* | <0.0250 | 0.0250 | 0.00405 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |
| m+p - Xylene* | <0.0500 | 0.0500 | 0.0186 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |
| o-Xylene* | <0.0250 | 0.0250 | 0.00700 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |
| Total Xylenes* | <0.0750 | 0.0750 | 0.0256 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |
| 1,3,5-Trimethylbenzene | <0.0250 | 0.0250 | 0.00450 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |
| 1,2,4-Trimethylbenzene | <0.0250 | 0.0250 | 0.00650 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |
| Naphthalene* | <0.0250 | 0.0250 | 0.00500 | mg/kg | 50 | 08/04/22 14:00 | 8260B | | MS |

Surrogate: Dibromofluoromethane 97.7 % 84.6-114 08/04/22 14:00 8260B MS

Surrogate: Toluene-d8 97.4 % 90.4-109 08/04/22 14:00 8260B MS

Surrogate: 4-Bromofluorobenzene 95.7 % 82.5-117 08/04/22 14:00 8260B MS

Polynuclear Aromatic Compounds by GC/MS

| | | | | | | | | | |
|-------------------------|--------|-------|-------|-------|----|----------------|-------|-------|----|
| Naphthalene* | <0.015 | 0.040 | 0.015 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| 2-Methylnaphthalene* | <0.023 | 0.040 | 0.023 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| 1-Methylnaphthalene | <0.016 | 0.040 | 0.016 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Acenaphthene* | <0.024 | 0.040 | 0.024 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Fluorene* | <0.014 | 0.040 | 0.014 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Anthracene* | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Fluoranthene* | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 08/11/22 13:54 | 8270C | QR-03 | MS |
| Pyrene* | <0.013 | 0.040 | 0.013 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Benzo[a]anthracene* | <0.023 | 0.040 | 0.023 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Chrysene | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Benzo[b]fluoranthene* | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Benzo[k]fluoranthene* | <0.016 | 0.040 | 0.016 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Benzo[a]pyrene* | <0.018 | 0.040 | 0.018 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Indeno[1,2,3-cd]pyrene* | <0.017 | 0.040 | 0.017 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |
| Dibenz[a,h]anthracene* | <0.019 | 0.040 | 0.019 | mg/kg | 40 | 08/11/22 13:54 | 8270C | | MS |

Surrogate: Nitrobenzene-d5 64.5 % 39.6-121 08/11/22 13:54 8270C MS

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Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

SS01 Point of Release

2207271-01 (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

| | | | | | | | | | |
|-----------------------------|--------|----------|--|--|--|-------------------|-------|--|----|
| Surrogate: 2-Fluorobiphenyl | 74.6 % | 39.8-134 | | | | 08/11/22 13:54 | 8270C | | MS |
| Surrogate: Terphenyl-dl4 | 75.9 % | 33.3-136 | | | | 08/11/22 13:54 | 8270C | | MS |

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Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

General Chemistry - Quality Control

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

Batch B222081 - General Prep - Wet Chem

Blank (B222081-BLK1)

Prepared & Analyzed: 08/01/22

| | | | |
|---------------------|----|-------|-----------|
| Hexavalent Chromium | ND | 0.250 | mg/kg dry |
|---------------------|----|-------|-----------|

LCS (B222081-BS1)

Prepared & Analyzed: 08/01/22

| | | | | | | |
|---------------------|------|-------|-----------|------|------|--------|
| Hexavalent Chromium | 2.41 | 0.250 | mg/kg dry | 2.50 | 96.4 | 85-115 |
|---------------------|------|-------|-----------|------|------|--------|

Saturated Paste Extraction - Quality Control

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

Batch B222046 - Paste Extract

Blank (B222046-BLK1)

Prepared: 07/28/22 Analyzed: 07/29/22

| | | | |
|-----------|------|---------|------|
| Calcium | ND | 0.100 | mg/L |
| Magnesium | ND | 0.100 | mg/L |
| SAR | 0.00 | No Unit | |
| Sodium | ND | 1.00 | mg/L |

Reference (B222046-SRM1)

Prepared: 07/28/22 Analyzed: 07/29/22

| | | | | | |
|-----|------|---------|------|-----|--------|
| SAR | 10.6 | No Unit | 10.5 | 101 | 90-110 |
|-----|------|---------|------|-----|--------|

Batch B222047 - Paste Extract

Reference (B222047-SRM1)

Prepared & Analyzed: 07/28/22

| | | | | | |
|--------------|------|------------------|------|------|--------|
| Conductivity | 7970 | umho/cm @ 25.0°C | 8340 | 95.6 | 90-110 |
|--------------|------|------------------|------|------|--------|

Batch B222048 - Paste Extract

Reference (B222048-SRM1)

Prepared & Analyzed: 07/28/22

| | | | | | |
|----|------|----------|------|------|--------|
| pH | 6.88 | pH Units | 6.93 | 99.3 | 92-108 |
|----|------|----------|------|------|--------|

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Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

Total Metals by ICP - Quality Control

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

Batch B222037 - EPA 3050

Blank (B222037-BLK1)

Prepared: 07/28/22 Analyzed: 07/29/22

| | | | |
|----------|----|------|-----------|
| 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 |

LCS (B222037-BS1)

Prepared: 07/28/22 Analyzed: 07/29/22

| | | | | | | |
|----------|------|------|-----------|------|------|--------|
| Barium | 164 | 5.00 | mg/kg dry | 200 | 81.9 | 80-120 |
| Cadmium | 162 | 5.00 | mg/kg dry | 200 | 81.1 | 80-120 |
| Chromium | 165 | 5.00 | mg/kg dry | 200 | 82.6 | 80-120 |
| Copper | 329 | 5.00 | mg/kg dry | 400 | 82.2 | 80-120 |
| Lead | 161 | 10.0 | mg/kg dry | 200 | 80.7 | 80-120 |
| Nickel | 162 | 5.00 | mg/kg dry | 200 | 81.1 | 80-120 |
| Selenium | 694 | 20.0 | mg/kg dry | 800 | 86.7 | 80-120 |
| Silver | 8.48 | 1.00 | mg/kg dry | 10.0 | 84.8 | 80-120 |

LCS Dup (B222037-BSD1)

Prepared: 07/28/22 Analyzed: 07/29/22

| | | | | | | | | |
|----------|------|------|-----------|------|------|--------|--------|----|
| Barium | 166 | 5.00 | mg/kg dry | 200 | 82.9 | 80-120 | 1.12 | 20 |
| Cadmium | 162 | 5.00 | mg/kg dry | 200 | 81.2 | 80-120 | 0.0160 | 20 |
| Chromium | 167 | 5.00 | mg/kg dry | 200 | 83.4 | 80-120 | 0.866 | 20 |
| Copper | 332 | 5.00 | mg/kg dry | 400 | 82.9 | 80-120 | 0.818 | 20 |
| Lead | 161 | 10.0 | mg/kg dry | 200 | 80.5 | 80-120 | 0.185 | 20 |
| Nickel | 167 | 5.00 | mg/kg dry | 200 | 83.3 | 80-120 | 2.70 | 20 |
| Selenium | 704 | 20.0 | mg/kg dry | 800 | 88.0 | 80-120 | 1.48 | 20 |
| Silver | 8.60 | 1.00 | mg/kg dry | 10.0 | 86.0 | 80-120 | 1.47 | 20 |

Batch B222109 - EPA 3050

Blank (B222109-BLK1)

Prepared: 08/03/22 Analyzed: 08/05/22

| | | | |
|------|----|------|-----------|
| Zinc | ND | 10.0 | mg/kg dry |
|------|----|------|-----------|

LCS (B222109-BS1)

Prepared: 08/03/22 Analyzed: 08/05/22

| | | | | | | |
|------|-----|------|-----------|-----|------|--------|
| Zinc | 170 | 10.0 | mg/kg dry | 200 | 85.0 | 80-120 |
|------|-----|------|-----------|-----|------|--------|

LCS Dup (B222109-BSD1)

Prepared: 08/03/22 Analyzed: 08/05/22

| | | | | | | | | |
|------|-----|------|-----------|-----|------|--------|-------|----|
| Zinc | 171 | 10.0 | mg/kg dry | 200 | 85.4 | 80-120 | 0.451 | 20 |
|------|-----|------|-----------|-----|------|--------|-------|----|

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Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

Total Metals by ICPMS - Quality Control

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

Batch B222038 - EPA 3050M

Blank (B222038-BLK1)

Prepared: 07/28/22 Analyzed: 08/05/22

| | | | | | | | | | | |
|---------|----|-------|-----------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.100 | mg/kg dry | | | | | | | |
|---------|----|-------|-----------|--|--|--|--|--|--|--|

LCS (B222038-BS1)

Prepared: 07/28/22 Analyzed: 08/05/22

| | | | | | | | | | | |
|---------|------|-------|-----------|------|--|------|--------|--|--|--|
| Arsenic | 4.83 | 0.100 | mg/kg dry | 5.00 | | 96.6 | 80-120 | | | |
|---------|------|-------|-----------|------|--|------|--------|--|--|--|

LCS Dup (B222038-BSD1)

Prepared: 07/28/22 Analyzed: 08/05/22

| | | | | | | | | | | |
|---------|------|-------|-----------|------|--|------|--------|------|----|--|
| Arsenic | 4.92 | 0.100 | mg/kg dry | 5.00 | | 98.4 | 80-120 | 1.81 | 20 | |
|---------|------|-------|-----------|------|--|------|--------|------|----|--|

Hot Water Extractable - Quality Control

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

Batch B222056 - Hot Water Soluble Metals Extract

Blank (B222056-BLK1)

Prepared: 07/28/22 Analyzed: 07/29/22

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

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Simcoe LLC
1199 Main Ave Suite 101
Durango CO, 81301

Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

Petroleum Hydrocarbons by GC FID - Quality Control

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

Batch 2080113 - General Prep - Organics

Blank (2080113-BLK1)

Prepared: 08/01/22 Analyzed: 08/02/22

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 50.8 | | mg/kg | 50.0 | | 102 | 42.5-161 | | | |
| Surrogate: 1-Chlorooctane | 52.9 | | mg/kg | 50.0 | | 106 | 43-149 | | | |
| 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 (2080113-BS1)

Prepared: 08/01/22 Analyzed: 08/02/22

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 57.2 | | mg/kg | 50.0 | | 114 | 42.5-161 | | | |
| Surrogate: 1-Chlorooctane | 54.2 | | mg/kg | 50.0 | | 108 | 43-149 | | | |
| DRO >C10-C28 | 252 | 10.0 | mg/kg | 200 | | 126 | 75.8-135 | | | |
| GRO C6-C10 | 243 | 10.0 | mg/kg | 200 | | 121 | 78.5-128 | | | |
| Total TPH C6-C28 | 495 | 10.0 | mg/kg | 400 | | 124 | 81.5-127 | | | |

LCS Dup (2080113-BSD1)

Prepared: 08/01/22 Analyzed: 08/02/22

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|-------|------|--|
| Surrogate: 1-Chlorooctadecane | 59.1 | | mg/kg | 50.0 | | 118 | 42.5-161 | | | |
| Surrogate: 1-Chlorooctane | 59.6 | | mg/kg | 50.0 | | 119 | 43-149 | | | |
| DRO >C10-C28 | 246 | 10.0 | mg/kg | 200 | | 123 | 75.8-135 | 2.49 | 17.9 | |
| GRO C6-C10 | 247 | 10.0 | mg/kg | 200 | | 124 | 78.5-128 | 1.83 | 21.4 | |
| Total TPH C6-C28 | 493 | 10.0 | mg/kg | 400 | | 123 | 81.5-127 | 0.345 | 17.6 | |

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Jeremy D Allen, Laboratory Director

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Simcoe LLC
1199 Main Ave Suite 101
Durango CO, 81301

Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

VOLATILES BY GC/MS - Quality Control

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

Batch 2080324 - Volatiles**Blank (2080324-BLK1)**

Prepared: 08/03/22 Analyzed: 08/04/22

| | | | | | | | | | |
|---------------------------------|------|--------|-------|------|--|------|----------|--|--|
| 1,2,4-Trimethylbenzene | ND | 0.0250 | mg/kg | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0250 | mg/kg | | | | | | |
| Surrogate: 4-Bromofluorobenzene | 1.19 | | mg/kg | 1.25 | | 95.6 | 82.5-117 | | |
| Benzene | ND | 0.0250 | mg/kg | | | | | | |
| Surrogate: Dibromofluoromethane | 1.21 | | mg/kg | 1.25 | | 96.9 | 84.6-114 | | |
| 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 | | | | | | |
| Surrogate: Toluene-d8 | 1.23 | | mg/kg | 1.25 | | 98.3 | 90.4-109 | | |
| Total Xylenes | ND | 0.0750 | mg/kg | | | | | | |

LCS (2080324-BS1)

Prepared: 08/03/22 Analyzed: 08/04/22

| | | | | | | | | | |
|---------------------------------|-------|--------|-------|-------|--|------|----------|--|--|
| 1,2,4-Trimethylbenzene | 0.476 | 0.0250 | mg/kg | 0.500 | | 95.1 | 62.4-140 | | |
| 1,3,5-Trimethylbenzene | 0.488 | 0.0250 | mg/kg | 0.500 | | 97.5 | 64.4-138 | | |
| Surrogate: 4-Bromofluorobenzene | 1.24 | | mg/kg | 1.25 | | 98.8 | 82.5-117 | | |
| Benzene | 0.460 | 0.0250 | mg/kg | 0.500 | | 92.0 | 73-130 | | |
| Surrogate: Dibromofluoromethane | 1.26 | | mg/kg | 1.25 | | 100 | 84.6-114 | | |
| Ethylbenzene | 0.463 | 0.0250 | mg/kg | 0.500 | | 92.5 | 75.4-127 | | |
| m+p - Xylene | 0.953 | 0.0500 | mg/kg | 1.00 | | 95.3 | 71.8-133 | | |
| Naphthalene | 0.470 | 0.0250 | mg/kg | 0.500 | | 94.1 | 28.7-158 | | |
| o-Xylene | 0.461 | 0.0250 | mg/kg | 0.500 | | 92.2 | 78.6-125 | | |
| Toluene | 0.452 | 0.0250 | mg/kg | 0.500 | | 90.5 | 79-122 | | |
| Surrogate: Toluene-d8 | 1.24 | | mg/kg | 1.25 | | 99.1 | 90.4-109 | | |
| Total Xylenes | 1.41 | 0.0750 | mg/kg | 1.50 | | 94.3 | 74.6-130 | | |

LCS Dup (2080324-BSD1)

Prepared: 08/03/22 Analyzed: 08/04/22

| | | | | | | | | | |
|---------------------------------|-------|--------|-------|-------|--|------|----------|-------|------|
| 1,2,4-Trimethylbenzene | 0.463 | 0.0250 | mg/kg | 0.500 | | 92.5 | 62.4-140 | 2.74 | 38.2 |
| 1,3,5-Trimethylbenzene | 0.466 | 0.0250 | mg/kg | 0.500 | | 93.3 | 64.4-138 | 4.49 | 39.1 |
| Surrogate: 4-Bromofluorobenzene | 1.22 | | mg/kg | 1.25 | | 97.5 | 82.5-117 | | |
| Benzene | 0.457 | 0.0250 | mg/kg | 0.500 | | 91.4 | 73-130 | 0.632 | 17.1 |
| Surrogate: Dibromofluoromethane | 1.25 | | mg/kg | 1.25 | | 100 | 84.6-114 | | |
| Ethylbenzene | 0.457 | 0.0250 | mg/kg | 0.500 | | 91.3 | 75.4-127 | 1.33 | 16.5 |
| m+p - Xylene | 0.941 | 0.0500 | mg/kg | 1.00 | | 94.1 | 71.8-133 | 1.35 | 19.1 |
| Naphthalene | 0.441 | 0.0250 | mg/kg | 0.500 | | 88.2 | 28.7-158 | 6.47 | 64 |
| o-Xylene | 0.455 | 0.0250 | mg/kg | 0.500 | | 91.0 | 78.6-125 | 1.31 | 13.2 |
| Toluene | 0.447 | 0.0250 | mg/kg | 0.500 | | 89.5 | 79-122 | 1.11 | 18.3 |

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Jeremy D Allen, Laboratory Director

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Simcoe LLC
1199 Main Ave Suite 101
Durango CO, 81301

Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

VOLATILES BY GC/MS - Quality Control
(Continued)

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

Batch 2080324 - Volatiles (Continued)

LCS Dup (2080324-BSD1) (Continued)

Prepared: 08/03/22 Analyzed: 08/04/22

| | | | | | | | | | | |
|-----------------------|------|--------|-------|------|--|------|----------|------|------|--|
| Surrogate: Toluene-d8 | 1.22 | | mg/kg | 1.25 | | 97.9 | 90.4-109 | | | |
| Total Xylenes | 1.40 | 0.0750 | mg/kg | 1.50 | | 93.0 | 74.6-130 | 1.34 | 16.5 | |

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Simcoe LLC
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Durango CO, 81301

Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

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 2080212 - SW-846 3550

Blank (2080212-BLK1)

Prepared: 08/02/22 Analyzed: 08/11/22

| | | | | | | | | | | |
|-----------------------------|------|-------|-------|------|--|------|----------|--|--|--|
| 1-Methylnaphthalene | ND | 0.040 | mg/kg | | | | | | | |
| Surrogate: 2-Fluorobiphenyl | 1.51 | | mg/kg | 2.00 | | 75.4 | 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]fluoranthene | ND | 0.040 | mg/kg | | | | | | | |
| Benzo[k]fluoranthene | 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 | | | | | | | |
| Surrogate: Nitrobenzene-d5 | 1.28 | | mg/kg | 2.00 | | 63.9 | 39.6-121 | | | |
| Pyrene | ND | 0.040 | mg/kg | | | | | | | |
| Surrogate: Terphenyl-d14 | 1.52 | | mg/kg | 2.00 | | 76.1 | 33.3-136 | | | |

LCS (2080212-BS1)

Prepared: 08/02/22 Analyzed: 08/11/22

| | | | | | | | | | | |
|-----------------------------|-------|-------|-------|-------|--|------|----------|--|--|--|
| 1-Methylnaphthalene | 0.334 | 0.040 | mg/kg | 0.400 | | 83.4 | 57.6-108 | | | |
| Surrogate: 2-Fluorobiphenyl | 2.44 | | mg/kg | 2.00 | | 122 | 39.8-134 | | | |
| 2-Methylnaphthalene | 0.333 | 0.040 | mg/kg | 0.400 | | 83.2 | 59-106 | | | |
| Acenaphthene | 0.339 | 0.040 | mg/kg | 0.400 | | 84.8 | 60.9-105 | | | |
| Acenaphthylene | 0.343 | 0.040 | mg/kg | 0.400 | | 85.6 | 57.4-107 | | | |
| Anthracene | 0.348 | 0.040 | mg/kg | 0.400 | | 87.1 | 60.8-105 | | | |
| Benzo[a]anthracene | 0.348 | 0.040 | mg/kg | 0.400 | | 87.0 | 56.1-121 | | | |
| Benzo[a]pyrene | 0.347 | 0.040 | mg/kg | 0.400 | | 86.8 | 56.7-115 | | | |
| Benzo[b]fluoranthene | 0.190 | 0.040 | mg/kg | 0.400 | | 47.5 | 45.4-128 | | | |
| Benzo[g,h,i]perylene | 0.371 | 0.040 | mg/kg | 0.400 | | 92.8 | 56.5-107 | | | |
| Benzo[k]fluoranthene | 0.291 | 0.040 | mg/kg | 0.400 | | 72.9 | 49.6-119 | | | |
| Carbazole | 0.358 | 0.040 | mg/kg | 0.400 | | 89.5 | 59.7-107 | | | |
| Chrysene | 0.361 | 0.040 | mg/kg | 0.400 | | 90.2 | 12.2-190 | | | |
| Dibenz[a,h]anthracene | 0.355 | 0.040 | mg/kg | 0.400 | | 88.8 | 59.1-111 | | | |
| Fluoranthene | 0.323 | 0.040 | mg/kg | 0.400 | | 80.7 | 60.6-111 | | | |
| Fluorene | 0.345 | 0.040 | mg/kg | 0.400 | | 86.1 | 59.3-108 | | | |
| Indeno[1,2,3-cd]pyrene | 0.334 | 0.040 | mg/kg | 0.400 | | 83.5 | 53.4-116 | | | |
| Naphthalene | 0.345 | 0.040 | mg/kg | 0.400 | | 86.3 | 56.5-106 | | | |

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Simcoe LLC
1199 Main Ave Suite 101
Durango CO, 81301

Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

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 2080212 - SW-846 3550 (Continued)

LCS (2080212-BS1) (Continued)

Prepared: 08/02/22 Analyzed: 08/11/22

| | | | | | | | | | | |
|----------------------------|-------|-------|-------|-------|--|------|----------|--|--|--|
| Surrogate: Nitrobenzene-d5 | 2.07 | | mg/kg | 2.00 | | 103 | 39.6-121 | | | |
| Phenanthrene | 0.355 | 0.040 | mg/kg | 0.400 | | 88.8 | 59.9-107 | | | |
| Pyrene | 0.357 | 0.040 | mg/kg | 0.400 | | 89.2 | 51.5-122 | | | |
| Surrogate: Terphenyl-d14 | 2.58 | | mg/kg | 2.00 | | 129 | 33.3-136 | | | |

LCS Dup (2080212-BS1)

Prepared: 08/02/22 Analyzed: 08/11/22

| | | | | | | | | | | |
|-----------------------------|-------|-------|-------|-------|--|------|----------|--------|------|-------|
| 1-Methylnaphthalene | 0.342 | 0.040 | mg/kg | 0.400 | | 85.4 | 57.6-108 | 2.44 | 6.22 | |
| Surrogate: 2-Fluorobiphenyl | 2.40 | | mg/kg | 2.00 | | 120 | 39.8-134 | | | |
| 2-Methylnaphthalene | 0.343 | 0.040 | mg/kg | 0.400 | | 85.9 | 59-106 | 3.10 | 6.23 | |
| Acenaphthene | 0.346 | 0.040 | mg/kg | 0.400 | | 86.5 | 60.9-105 | 2.01 | 8.18 | |
| Acenaphthylene | 0.342 | 0.040 | mg/kg | 0.400 | | 85.6 | 57.4-107 | 0.0409 | 5 | |
| Anthracene | 0.347 | 0.040 | mg/kg | 0.400 | | 86.9 | 60.8-105 | 0.293 | 3.68 | |
| Benzo[a]anthracene | 0.348 | 0.040 | mg/kg | 0.400 | | 87.0 | 56.1-121 | 0.0575 | 9.01 | |
| Benzo[a]pyrene | 0.341 | 0.040 | mg/kg | 0.400 | | 85.1 | 56.7-115 | 1.96 | 4.92 | |
| Benzo[b]fluoranthene | 0.344 | 0.040 | mg/kg | 0.400 | | 86.0 | 45.4-128 | 57.6 | 7.63 | QR-04 |
| Benzo[g,h,i]perylene | 0.376 | 0.040 | mg/kg | 0.400 | | 94.1 | 56.5-107 | 1.41 | 12.5 | |
| Benzo[k]fluoranthene | 0.334 | 0.040 | mg/kg | 0.400 | | 83.5 | 49.6-119 | 13.6 | 10.6 | QR-04 |
| Carbazole | 0.367 | 0.040 | mg/kg | 0.400 | | 91.8 | 59.7-107 | 2.48 | 8.65 | |
| Chrysene | 0.366 | 0.040 | mg/kg | 0.400 | | 91.4 | 12.2-190 | 1.30 | 21.8 | |
| Dibenz[a,h]anthracene | 0.353 | 0.040 | mg/kg | 0.400 | | 88.2 | 59.1-111 | 0.715 | 11.6 | |
| Fluoranthene | 0.317 | 0.040 | mg/kg | 0.400 | | 79.3 | 60.6-111 | 1.84 | 7.54 | |
| Fluorene | 0.338 | 0.040 | mg/kg | 0.400 | | 84.5 | 59.3-108 | 1.95 | 5.49 | |
| Indeno[1,2,3-cd]pyrene | 0.314 | 0.040 | mg/kg | 0.400 | | 78.5 | 53.4-116 | 6.21 | 22.3 | |
| Naphthalene | 0.351 | 0.040 | mg/kg | 0.400 | | 87.7 | 56.5-106 | 1.60 | 4.56 | |
| Surrogate: Nitrobenzene-d5 | 2.03 | | mg/kg | 2.00 | | 102 | 39.6-121 | | | |
| Phenanthrene | 0.341 | 0.040 | mg/kg | 0.400 | | 85.2 | 59.9-107 | 4.13 | 5.21 | |
| Pyrene | 0.358 | 0.040 | mg/kg | 0.400 | | 89.6 | 51.5-122 | 0.425 | 10.6 | |
| Surrogate: Terphenyl-d14 | 2.56 | | mg/kg | 2.00 | | 128 | 33.3-136 | | | |

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Simcoe LLC
1199 Main Ave Suite 101
Durango CO, 81301

Project: COGCC Table 915-1
Project Name / Number: Raymond Koon A1
Project Manager: Sabre Beebe

Reported:
08/12/22 16:37

Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

M5 Sample was chosen for matrix spike. Spike recovery did not meet laboratory acceptance criteria, possible matrix interference in sample.

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
FORM-006
COC - Revision 6.0

| | | | | | |
|---|-----------------------|-------------------------|---------------------------------|--------------------------------|-----------|
| Company or Client: SIMCOE, LLC | | Bill to (if different): | | ANALYSIS REQUEST | |
| Address: 1199 Main Ave, Suite 101 | | P.O. #: IKAV 00 | | | |
| City: Durango State: CO Zip: 81301 | | Company: | | | |
| Phone #: (970) 769-9523 | | Attn: | | | |
| Contact Person: Sabre Beebe | | Address: | | | |
| Email Report to: sabre.beebe@ikavenenergy.com | | City: | | | |
| Project Name (optional): Raymond Koon #1 | | State: | | | |
| Sampler Name (Print): Sabre Beebe | | Phone #: | | | |
| | | Email: | | | |
| Sample Name or Location | | Collected | Matrix (check one) | # of containers | |
| 2207-271 For Lab Use | SS01 Point of Release | Date | Time | GROUNDWATER | |
| | SS02 | 7/24/22 | 6:00A | SURFACEWATER | |
| | SS03 | | | WASTEWATER | |
| | SS04 | | | PRODUCED WATER | |
| | SS05 | | | SOIL | X |
| | SS06 | | | DRINKING WATER | |
| | SS07 | | | OTHER : | |
| | SS08 | | | No preservation (general) | |
| | SS09 | | | HNO ₃ | |
| | SS10 | | | HCl | |
| | | | | H ₂ SO ₄ | |
| | | | Other: | | |
| | | | Other: | | |
| | | | | | COGCC 915 |
| | | | | | COGCC 910 |
| | | | | | SAR |
| | | | | | EC |
| | | | | | pH |
| | | | | | BTEX |
| | | | | | TPH |
| Relinquished By: <i>[Signature]</i> | | Date: 7/24/22 | Received By: <i>[Signature]</i> | Yes | No |
| Relinquished By: | | Date: | Received By: | Report to State? (Circle) | |
| Relinquished By: | | Date: | Received By: | | |
| Relinquished By: | | Date: | Received By: | | |
| Relinquished By: | | Date: | Received By: | | |
| Temperature at receipt: 11.9C | | CHECKED BY: DMB | | On Ice Yes | |
| Laser #2 | | | | No Ice | |

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