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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	

Green Analytical Laboratories

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
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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
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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
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Hot Water Extractable

Boron	1.36	1.20	0.568	mg/L	4	07/29/22 11:46	EPA200.7		AES
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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 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
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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 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
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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
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Batch B222081 - General Prep - Wet Chem

Blank (B222081-BLK1)

Prepared & Analyzed: 08/01/22

Hexavalent Chromium	ND	0.250	mg/kg dry							
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LCS (B222081-BS1)

Prepared & Analyzed: 08/01/22

Hexavalent Chromium	2.41	0.250	mg/kg dry	2.50		96.4	85-115			
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Saturated Paste Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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			
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Batch B222047 - Paste Extract

Reference (B222047-SRM1)

Prepared & Analyzed: 07/28/22

Conductivity	7970		umho/cm @ 25.0°C	8340		95.6	90-110			
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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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Durango CO, 81301

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
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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
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LCS (B222109-BS1)

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

Zinc	170	10.0	mg/kg dry	200	85.0	80-120
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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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Total Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B222038 - EPA 3050M

Blank (B222038-BLK1)

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

Arsenic	ND	0.100	mg/kg dry							
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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			
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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	
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Hot Water Extractable - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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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Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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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VOLATILES BY GC/MS - Quality Control

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

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

VOLATILES BY GC/MS - Quality Control
(Continued)

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

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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

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
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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			

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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

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

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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					
Phone #: (970) 769-9523		Attn:							
Contact Person: Sabre Beebe		Address:							
Email Report to: sabre.beebe@ikavenenergy.com		City:							
Project Name(optional):		State:		Zip:					
Raymond Koon #1		Phone #:							
Sampler Name (Print): Sabre Beebe		Email:							

[illegible]

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Relinquished By:	Date: 7/26/02	Received By:		ADDITIONAL REMARKS: Yes No	Report to States? (Circle)
Relinquished By:	Date: 8/26/02 Time: 10:57	Received By:	Jorge Sarmiento		
Relinquished By:	Date: Time:	Received By:			
Relinquished By:	Date: Time:	Received By:		Loser #2	
Relinquished By:	Date: Time:	Received By:		Temperature at receipt: 11.9c	CHECKED BY: JMS
					On Ice: [X]
					No Ice: