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25 October 2022

Sabre Beebe
Simcoe LLC
1199 Main Ave Suite 101
Durango, CO 81301
RE: SAR

Enclosed are the results of analyses for samples received by the laboratory on 10/05/22 14:10. 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



Simcoe LLC
1199 Main Ave Suite 101
Durango CO, 81301

Project: SAR
Project Name / Number: Piccoli A1 Spill Monitoring
Project Manager: Sabre Beebe

Reported:
10/25/22 13:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
Well Pad	2210047-01	Solid	10/05/22 10:34	10/05/22 14:10	
Mid Flow Path	2210047-02	Solid	10/05/22 10:38	10/05/22 14:10	
Terminus	2210047-03	Solid	10/05/22 10:44	10/05/22 14:10	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Simcoe LLC 1199 Main Ave Suite 101 Durango CO, 81301	Project: SAR Project Name / Number: Piccoli A1 Spill Monitoring Project Manager: Sabre Beebe	Reported: 10/25/22 13:50
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Well Pad

2210047-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

Calcium	120	0.500	0.289	mg/L	5	10/24/22 13:27	EPA200.7		AES
Conductivity	2370			umho/cm@25 C	1	10/19/22 14:15	ASA#9 10-3.3		AWG
Magnesium	22.1	0.500	0.327	mg/L	5	10/24/22 13:27	EPA200.7		AES
pH	7.68			pH Units	1	10/19/22 14:15	ASA#9 10-3.2		AWG
SAR	6.28			No Unit	1	10/24/22 13:27	Calculation		AES
Sodium	285	5.00	0.396	mg/L	5	10/24/22 13:27	EPA200.7		AES

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Mid Flow Path

2210047-02 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

Calcium	27.8	0.100	0.058	mg/L	1	10/24/22 13:32	EPA200.7		AES
Conductivity	679			umho/cm@25 C	1	10/19/22 14:15	ASA#9 10-3.3		AWG
Magnesium	7.91	0.100	0.065	mg/L	1	10/24/22 13:32	EPA200.7		AES
pH	7.92			pH Units	1	10/19/22 14:15	ASA#9 10-3.2		AWG
SAR	6.98			No Unit	1	10/24/22 13:32	Calculation		AES
Sodium	162	1.00	0.079	mg/L	1	10/24/22 13:32	EPA200.7		AES

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Terminus

2210047-03 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Saturated Paste Extraction

Calcium	165	0.500	0.289	mg/L	5	10/24/22 13:34	EPA200.7		AES
Conductivity	1280			umho/cm@25 C	1	10/19/22 14:15	ASA#9 10-3.3		AWG
Magnesium	39.8	0.500	0.327	mg/L	5	10/24/22 13:35	EPA200.7		AES
pH	7.37			pH Units	1	10/19/22 14:15	ASA#9 10-3.2		AWG
SAR	0.60			No Unit	1	10/24/22 13:34	Calculation		AES
Sodium	33.0	5.00	0.396	mg/L	5	10/24/22 13:34	EPA200.7		AES

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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
Batch B222884 - Paste Extract										
Blank (B222884-BLK1)										
Prepared: 10/18/22 Analyzed: 10/24/22										
Calcium	ND	0.100	mg/L							
Magnesium	ND	0.100	mg/L							
SAR	0.00		No Unit							
Sodium	ND	1.00	mg/L							
Reference (B222884-SRM1)										
Prepared: 10/18/22 Analyzed: 10/24/22										
SAR	10.4		No Unit	10.5		99.2	90-110			
Batch B222885 - Paste Extract										
Reference (B222885-SRM1)										
Prepared: 10/18/22 Analyzed: 10/19/22										
pH	6.82		pH Units	6.93		98.4	92-108			
Batch B222886 - Paste Extract										
Reference (B222886-SRM1)										
Prepared: 10/18/22 Analyzed: 10/19/22										
Conductivity	8420		umho/cm@2 5C	8340		101	90-110			

Notes and Definitions

- 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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