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[www.greenanalytical.com](http://www.greenanalytical.com)

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, appearing to read '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: T104704514-22-15

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



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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

### 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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### 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
<b>Batch B222884 - Paste Extract</b>										
<b>Blank (B222884-BLK1)</b>				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							
<b>Reference (B222884-SRM1)</b>				Prepared: 10/18/22 Analyzed: 10/24/22						
SAR	10.4		No Unit	10.5		99.2	90-110			
<b>Batch B222885 - Paste Extract</b>										
<b>Reference (B222885-SRM1)</b>				Prepared: 10/18/22 Analyzed: 10/19/22						
pH	6.82		pH Units	6.93		98.4	92-108			
<b>Batch B222886 - Paste Extract</b>										
<b>Reference (B222886-SRM1)</b>				Prepared: 10/18/22 Analyzed: 10/19/22						
Conductivity	8420		umho/cm@25C	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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PLEASE NOTE: GAI's liability and certain 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 receive by GAI, within 30 days after completion. In no event shall GAI be liable for incidental or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or successors writing out of or related to the performance of services hereunder by GAI. Knowledge of whether such claims are based upon any of the above-stated instances of dishonesty by GAI is hereby denied.

Relinquished By:

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**Relinquished By:**

enquired by:

15 JULY 2004

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† GAL cannot always accept verbal changes. Please fax or email written change requests.

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

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