CAMBIUM

Environmental

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Building Sciences

Construction Testing & Inspections

Telephone
(866) 217.7900
(705) 742.7900

Facsimile
(705) 742.7907

Website
cambium-inc.com

Mailing Address
P.O. Box 325,
Peterborough, Ontario
Canada, K9J 6Z3

Locations
Peterborough
Kingston
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APGO

July 7, 2025

China Canada Jing Bei Xin Min International Co. Ltd.
118 Gemini Crescent
Richmond Hill, ON, L4S 2K7

c/o EcoVue Consulting Services Inc.

Attn: Andreas Houlios
EcoVue Consulting Services Inc. – Planning and Development Lead

Re: Off-site Residential Well Monitoring Program – Background Conditions
309 Zephyr Road, Zephyr, Ontario
Cambium Reference: 18619-003

Dear Andreas Houlios,

China Canada Jing Bei Xin Min International Co. Ltd. (Client), care of EcoVue Consulting Services Inc., retained Cambium Inc. (Cambium) to initiate a residential well monitoring program adjacent to 309 Zephyr Road, Zephyr, Ontario (the Site).

The Client intends to develop the Site as a privately services subdivision. The well monitoring program was required by regulating authorities to ensure that future work at the Site (during construction of the proposed development) does not influence adjacent groundwater users. As part of this process background conditions of existing off-site supply wells needed to be established.

This report serves as a brief outline of the information collected to date. Water level monitoring is ongoing and it is expected that future work programs will expand on the information outlined herein (as required).

Scope of Work

The scope of work included an initial well survey, collection of raw water quality samples and installation of water level logging devices within residential supply wells.

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Well Survey

On April 22, 2024 Cambium staff visited the residences located adjacent the Site to complete a water well survey. If a resident was not home a letter was left at the property outlining the well survey request and providing Cambium contact information.

The owners of the following residences agreed to participate in the well monitoring program:

- 1 Dafoe Street
- 7 Dafoe Street
- 306 Zephyr Road
- 315 Zephyr Road
- 12759 RR39
- 12840 RR39
- 12897 RR39

Well Logger Installation and Water Sampling

On May 23 and June 26, 2024 Cambium staff visited the properties listed above to collect groundwater samples and install water level logging devices. The level logging devices recorded water level measurements through to April 23, 2025 – which was the latest download event. The level loggers are understood to be in place and recording information at the time this document was prepared.

Water level logging devices were installed in each of the well listed above, with exception of the well that serviced 1 Dafoe Street. Based on conversation with the well owner at 1 Dafoe Street, the well is understood to be flowing artesian. As such, Cambium staff did not attempt to open the well cap to install a logger.

The groundwater samples were collected from a tap in each dwelling that discharged raw, untreated water. The tap was flushed for several minutes before samples were collected. Samples were analyzed for general metals, inorganic parameters and bacteria. The samples were submitted to SGS Lakefield for

analysis. Upon receipt of the results the resident well owners were notified of the water quality. The certificates of analysis are attached herein. Cambium did not provide an assessment of the water quality results as this work program is limited to establishing background conditions.

Water Level Monitoring Summary

A hydrograph of the water level monitoring results is attached as Figure 1. The maximum and minimum water levels measured from each well are listed below in Table 1. These provide some background information on existing conditions of the supply wells in the area of the Site.

Table 1: Water Level Fluctuations – Off-site Supply Wells

Address	Minimum Water Level (mbgs)	Minimum Water Level (mbgs)
7 Dafoe Street	3.07	4.53
306 Zephyr Road	0.50	1.75
315 Zephyr Road	0.03	1.25
12840 RR39	2.94	5.35
12897 RR39	4.25	5.69

Note that water level monitoring information is unavailable from the well servicing 12759 RR39. The well owner had the well sealed in the fall of 2024, after the logger had been installed. However, the owner opened the seal for Cambium staff in April of 2025. It was determined that after installation, the logger became entangled in downhole pump equipment at some point and could not be retrieved. Following the April 2025 visit, the owner had the well cleaned and the logger removed and then re-installed. As such a return visit is necessary to download the logger from the well at 12759 RR39.

Closing

This letter summarizes initial background information collected from several private supply wells located adjacent the Site throughout part of 2024 and 2025. The water level measurements are ongoing at the supply wells. A return visit should be made in the future to download the logger at well 12759 RR39. These data should be updated in the future on an as-needed basis.

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July 7, 2025

We trust these data are satisfactory. If you have any questions please contact the undersigned at 705-742-7900.

Best regards,

Cambium Inc.

Cameron MacDougall, P.Geo.
Project Manager - Hydrogeologist

CJM

Encl. *Cambium Qualifications & Limitations*
Figure 1 – 309 Zephyr Road, Private Supply Well Monitoring Hydrograph
CA15224-MAY24 1 Dafoe Street
CA15221-MAY24 7 Dafoe Street
CA15223-MAY24 306 Zephyr Road
CA15220-MAY24 315 Zephyr Road
CA40189-JUN24 12579 RR39
CA15222-MAY24 12840 RR39
CA15225-MAY24 12897 RR39

Copies: *Andreas Houlios – EcoVue Consulting*

P:\18600 to 18699\18619-003 EcoVue Consultin Services Inc - Water Well Survey and Additional HG\Deliverables\Report - Residential Monitoring LTR\2025-07-02 Zephyr Residential LTR.docx

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CAMBIUM QUALIFICATIONS AND LIMITATIONS

Limited Warranty

In performing work on behalf of a client, Cambium relies on its client to provide instructions on the scope of its retainer and, on that basis, Cambium determines the precise nature of the work to be performed. Cambium undertakes all work in accordance with applicable accepted industry practices and standards. Unless required under local laws, other than as expressly stated herein, no other warranties or conditions, either expressed or implied, are made regarding the services, work or reports provided.

Reliance on Materials and Information

The findings and results presented in reports prepared by Cambium are based on the materials and information provided by the client to Cambium and on the facts, conditions and circumstances encountered by Cambium during the performance of the work requested by the client. In formulating its findings and results into a report, Cambium assumes that the information and materials provided by the client or obtained by Cambium from the client or otherwise are factual, accurate and represent a true depiction of the circumstances that exist. Cambium relies on its client to inform Cambium if there are changes to any such information and materials. Cambium does not review, analyze or attempt to verify the accuracy or completeness of the information or materials provided, or circumstances encountered, other than in accordance with applicable accepted industry practice. Cambium will not be responsible for matters arising from incomplete, incorrect or misleading information or from facts or circumstances that are not fully disclosed to or that are concealed from Cambium during the provision of services, work or reports.

Facts, conditions, information and circumstances may vary with time and locations and Cambium's work is based on a review of such matters as they existed at the particular time and location indicated in its reports. No assurance is made by Cambium that the facts, conditions, information, circumstances or any underlying assumptions made by Cambium in connection with the work performed will not change after the work is completed and a report is submitted. If any such changes occur or additional information is obtained, Cambium should be advised and requested to consider if the changes or additional information affect its findings or results.

When preparing reports, Cambium considers applicable legislation, regulations, governmental guidelines and policies to the extent they are within its knowledge, but Cambium is not qualified to advise with respect to legal matters. The presentation of information regarding applicable legislation, regulations, governmental guidelines and policies is for information only and is not intended to and should not be interpreted as constituting a legal opinion concerning the work completed or conditions outlined in a report. All legal matters should be reviewed and considered by an appropriately qualified legal practitioner.

Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Cambium's work or report considers any locations or times other than those from which information, sample results and data was specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those extrapolations.

Only conditions at the site and locations chosen for study by the client are evaluated; no adjacent or other properties are evaluated unless specifically requested by the client. Any physical or other aspects of the site chosen for study by the client, or any other matter not specifically addressed in a report prepared by Cambium, are beyond the scope of the work performed by Cambium and such matters have not been investigated or addressed.

Reliance

Cambium's services, work and reports may be relied on by the client and its corporate directors and officers, employees, and professional advisors. Cambium is not responsible for the use of its work or reports by any other party, or for the reliance on, or for any decision which is made by any party using the services or work performed by or a report prepared by Cambium without Cambium's express written consent. Any party that relies on services or work performed by Cambium or a report prepared by Cambium without Cambium's express written consent, does so at its own risk. No report of Cambium may be disclosed or referred to in any public document without Cambium's express prior written consent. Cambium specifically disclaims any liability or responsibility to any such party for any loss, damage, expense, fine, penalty or other such thing which may arise or result from the use of any information, recommendation or other matter arising from the services, work or reports provided by Cambium.

Limitation of Liability

Potential liability to the client arising out of the report is limited to the amount of Cambium's professional liability insurance coverage. Cambium shall only be liable for direct damages to the extent caused by Cambium's negligence and/or breach of contract. Cambium shall not be liable for consequential damages.

Personal Liability

The client expressly agrees that Cambium employees shall have no personal liability to the client with respect to a claim, whether in contract, tort and/or other cause of action in law. Furthermore, the client agrees that it will bring no proceedings nor take any action in any court of law against Cambium employees in their personal capacity.

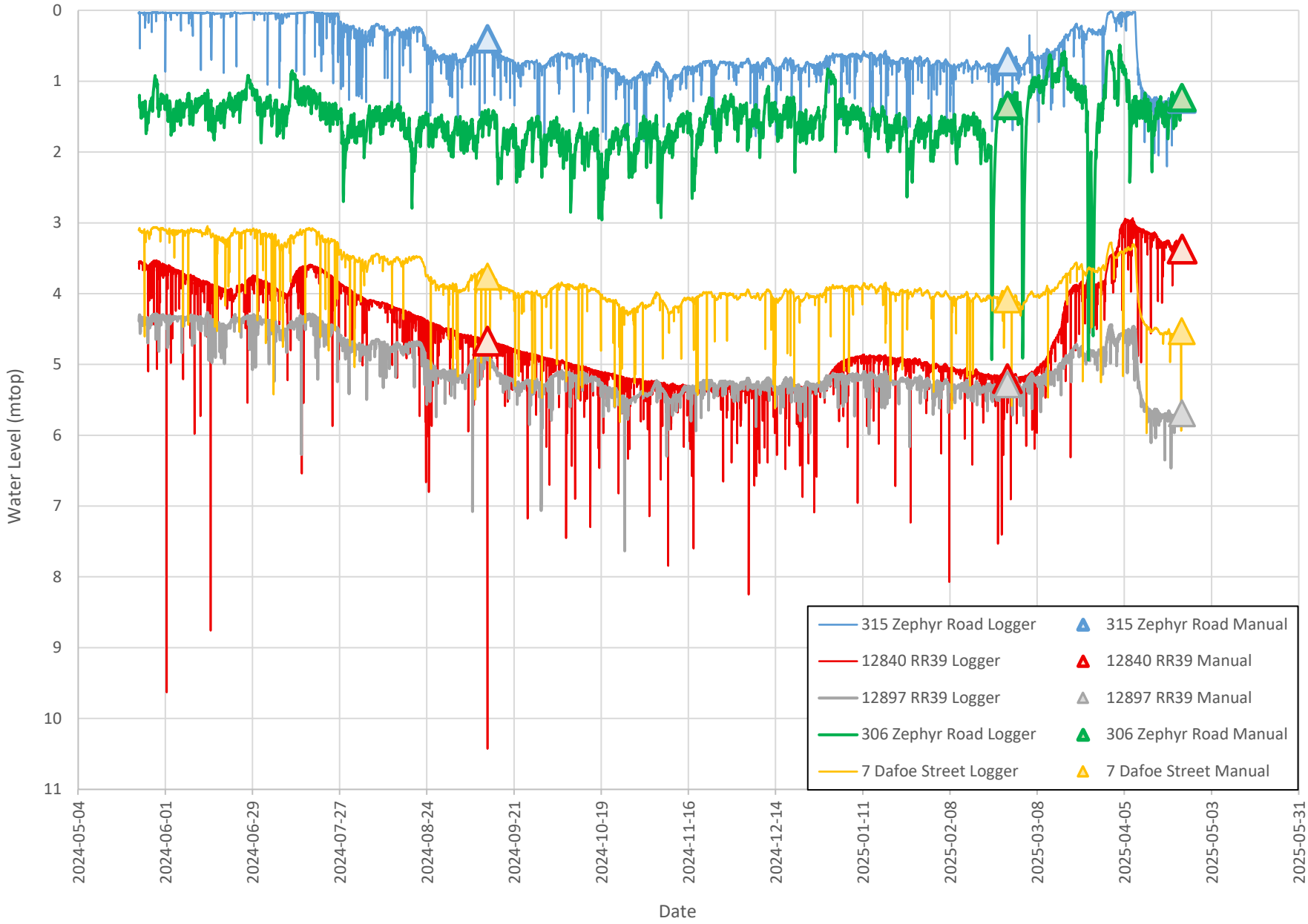

Figure 1: 309 Zephyr Road, Private Supply Well Monitoring Hydrograph

FINAL REPORT

CA15224-MAY24 R1

18619-003

Prepared for

Cambium Inc.

FINAL REPORT

First Page

CLIENT DETAILS

Client	Cambium Inc.
Address	194 Sofia Street, Peterborough Canada, K9H 1E3 Phone: 705-742-7900. Fax:705-742-7907
Contact	Cameron MacDougall
Telephone	705-742-7900
Facsimile	705-742-7907
Email	cameron.macdougall@cambium-inc.com; file@cambium-inc.cc
Project	18619-003
Order Number	
Samples	Ground Water (2)

LABORATORY DETAILS

Project Specialist	Jill Campbell, B.Sc.,GISAS
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	2165
Facsimile	705-652-6365
Email	jill.campbell@sgs.com
SGS Reference	CA15224-MAY24
Received	05/23/2024
Approved	05/29/2024
Report Number	CA15224-MAY24 R1
Date Reported	05/29/2024

COMMENTS

Temperature of Sample upon Receipt: 17 degrees C
Cooling Agent Present: Yes
Custody Seal Present: Yes

Chain of Custody Number: 038606

SIGNATORIES

Jill Campbell, B.Sc.,GISAS

TABLE OF CONTENTS

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

Parameter	Units	RL	L1	L2	Sample Number 9 Result	Sample Number 10 Result
					Sample Name: 1 Dafoe	Sample Name: QA/QC
					Sample Matrix: Ground Water	Sample Matrix: Ground Water
					Sample Date: 23/05/2024	Sample Date: 23/05/2024
General Chemistry						
Alkalinity	mg/L as CaCO3	2	500		227	---
Colour	TCU	3	5		8	---
Conductivity	uS/cm	2			646	---
Total Dissolved Solids	mg/L	30	500		411	---
Turbidity	NTU	0.10	5	1	16	---
Dissolved Organic Carbon	mg/L	1	5		< 1	---
Ammonia+Ammonium (N)	as N mg/L	0.1			< 0.1	---
Metals and Inorganics						
Sulphate	mg/L	2	500		57	---
Nitrite (as N)	as N mg/L	0.03		1	< 0.03	---
Nitrate (as N)	as N mg/L	0.06		10	< 0.06	---
Hardness	mg/L as CaCO3	0.05	100		307	---
Calcium (total)	mg/L	0.01			86.0	---
Iron (total)	mg/L	0.007	0.3		1.52	---
Magnesium (total)	mg/L	0.001			22.4	---
Manganese (total)	mg/L	0.00001	0.05		0.0680	---
Sodium (total)	mg/L	0.01	200	20	11.4	---

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	1 Dafoe	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	23/05/2024	23/05/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
Microbiology						
E. Coli	cfu/100mL	0		0	0	0
Total Coliform	cfu/100mL	0		0	0	0
Total Coliform Background	cfu/100mL	0			0	---
Fecal Coliform	cfu/100mL	0			0	0
Other (ORP)						
pH	No unit	0.05	8.5		8.22	---
Chloride	mg/L	1	250		42	---

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
1 Dafoe					
Colour	SM 2120	TCU	8	5	
Turbidity	SM 2130	NTU	16	5	1
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	307	100	
Iron	SM 3030/EPA 200.8	mg/L	1.52	0.3	
Manganese	SM 3030/EPA 200.8	mg/L	0.0680	0.05	

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0592-MAY24	mg/L as CaCO3	2	< 2	0	20	100	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0246-MAY24	as N mg/L	0.1	<0.1	1	10	95	90	110	83	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO8075-MAY24	mg/L	1	<1	ND	20	97	80	120	101	75	125
Sulphate	DIO8075-MAY24	mg/L	2	<2	1	20	109	80	120	95	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENV]IC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Nitrite (as N)	DIO0553-MAY24	mg/L	0.03	<0.03	10	20	99	90	110	102	75	125
Nitrate (as N)	DIO0553-MAY24	mg/L	0.06	<0.06	2	20	97	90	110	93	75	125

QC SUMMARY

Carbon by SFA

Method: SM 5310 I Internal ref.: ME-CA-IENVISFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Dissolved Organic Carbon	SKA0221-MAY24	mg/L	1	<1	4	20	102	90	110	94	75	125

Colour

Method: SM 2120 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0579-MAY24	TCU	3	< 3	ND	10	100	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0592-MAY24	uS/cm	2	< 2	0	20	99	90	110	NA		

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Calcium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	ND	20	104	90	110	93	70	130
Iron (total)	EMS0239-MAY24	mg/L	0.007	<0.007	ND	20	104	90	110	100	70	130
Magnesium (total)	EMS0239-MAY24	mg/L	0.001	<0.001	ND	20	103	90	110	88	70	130
Manganese (total)	EMS0239-MAY24	mg/L	0.00001	<0.00001	ND	20	107	90	110	101	70	130
Sodium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	0	20	104	90	110	86	70	130

Microbiology

Method: OMOE MICROMFDC-E3407A | Internal ref.: ME-CA-IENVIMIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Coliform Background	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
E. Coli	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Fecal Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Total Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	EWL0592-MAY24	No unit	0.05	NA	0		101			NA		

Solids Analysis

Method: SM 2540C I Internal ref.: ME-CA-IENVIEWL-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Dissolved Solids	EWL0565-MAY24	mg/L	30	<30	2	20	100	80	120	NA		

Turbidity

Method: SM 2130 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Turbidity	EWL0567-MAY24	NTU	0.10	< 0.10	3	10	100	90	110	NA		

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS Insufficient sample for analysis.
RL Reporting Limit.
↑ Reporting limit raised.
↓ Reporting limit lowered.
NA The sample was not analysed for this analyte
ND Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

No: 038606

Page ____ of ____

Laboratory Information Section - Lab use only

Received By: Siri Ramard
Received Date: MAY 23 2024 (mm/dd/yy)
Received Time: 16:55 (hr:min)
Received By (signature): Siri Ramard
Custody Seal Present: Yes ☑ No ☐
Custody Seal Intact: Yes ☑ No ☐
Cooling Agent Present: Yes ☐ No ☐ Type: ICE
Temperature Upon Receipt (°C) 18.17.16.
LAB LIMS #: CA-15224-MAY24 SR

REPORT INFORMATION	INVOICE INFORMATION
Company: CAMBIUM INC	☑ (same as Report Information)
Contact: CAM MACDOUGALL, HOLLY WARREN, WARREN YOUNG	Company:
Address: 194 SOPHIA, P7B0	Contact:
	Address:
Phone:	
Fax:	Phone:
Email: cameron.macdougall@cambium-inc.com warren.young@cambium-inc.com holly.warren@cambium-inc.com	Email:

Quotation #: 2024417
Project #: 18619-003
P.O. #:
Site Location/ID:

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)
TAT's are quoted in business days (exclude statutory holidays & weekends).
Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days
PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:
*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☑ O.Reg 406/19
☐ Table 1 ☐ Res/Park ☐ Soil Texture:
☐ Table 2 ☐ Ind/Com ☐ Coarse
☐ Table 3 ☐ Agri/Other ☐ Medium/Fine
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other:
☐ MISA
☒ ODWS Not Reportable *See note

Sewer By-Law:
☐ Sanitary
☐ Storm
Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH, (B(HWS), EC, SAR-soil) (Cl, Na-water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Be,Ba,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other: X AS PER QUOTE #2	Other: [illegible]	Other: TOTAL COLIFORM + E.COLI	Other: FECAL COLIFORM	Other: Sewer Use: Specify pkg:	Other: Water Characterization Pkg ☐ General ☐ Extended	SPLP: Specify tests ☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN	TCLP: Specify tests ☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.	COMMENTS:
1	1 DAFOC	05/23/24	11:15	10	GW	N												X								
2	QA/QC	↓	11:15	1	GW	N														X	X					
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

Observations/Comments/Special Instructions

Sampled By (NAME): K. Yonemitsu Signature: Date: 05,23,24 (mm/dd/yy)
Relinquished by (NAME): K. Yonemitsu Signature: Date: 05,23,24 (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

FINAL REPORT

CA15221-MAY24 R1

18619-003

Prepared for

Cambium Inc.

FINAL REPORT

First Page

CLIENT DETAILS		LABORATORY DETAILS	
Client	Cambium Inc.	Project Specialist	Jill Campbell, B.Sc.,GISAS
		Laboratory	SGS Canada Inc.
Address	194 Sofia Street, Peterborough Canada, K9H 1E3 Phone: 705-742-7900. Fax:705-742-7907	Address	185 Concession St., Lakefield ON, K0L 2H0
Contact	Cameron MacDougall	Telephone	2165
Telephone	705-742-7900	Facsimile	705-652-6365
Facsimile	705-742-7907	Email	jill.campbell@sgs.com
Email	cameron.macdougall@cambium-inc.com; file@cambium-inc.cc	SGS Reference	CA15221-MAY24
Project	18619-003	Received	05/23/2024
Order Number		Approved	05/29/2024
Samples	Ground Water (2)	Report Number	CA15221-MAY24 R1
		Date Reported	05/29/2024

COMMENTS

Temperature of Sample upon Receipt: 17 degrees C
Cooling Agent Present: Yes
Custody Seal Present: Yes

Chain of Custody Number: 038606

SIGNATORIES

Jill Campbell, B.Sc.,GISAS

TABLE OF CONTENTS

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: Kaitlyn Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

					Sample Number	9	10
					Sample Name	7 Dafoe	QA/QC
					Sample Matrix	Ground Water	Ground Water
					Sample Date	23/05/2024	23/05/2024
Parameter		**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
General Chemistry							
Alkalinity		mg/L as CaCO3	2	500		220	---
Colour		TCU	3	5		5	---
Conductivity		uS/cm	2			596	---
Total Dissolved Solids		mg/L	30	500		377	---
Turbidity		NTU	0.10	5	1	28	---
Dissolved Organic Carbon		mg/L	1	5		< 1	---
Ammonia+Ammonium (N)		as N mg/L	0.1			< 0.1	---
Metals and Inorganics							
Sulphate		mg/L	2	500		43	---
Nitrite (as N)		as N mg/L	0.03		1	< 0.03	---
Nitrate (as N)		as N mg/L	0.06		10	< 0.06	---
Hardness		mg/L as CaCO3	0.05	100		283	---
Calcium (total)		mg/L	0.01			82.1	---
Iron (total)		mg/L	0.007	0.3		5.22	---
Magnesium (total)		mg/L	0.001			19.0	---
Manganese (total)		mg/L	0.00001	0.05		0.0768	---
Sodium (total)		mg/L	0.01	200	20	9.72	---

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: Kaitlyn Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	7 Dafoe	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	23/05/2024	23/05/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
Microbiology						
E. Coli	cfu/100mL	0		0	0	0
Total Coliform	cfu/100mL	0		0	6	2
Total Coliform Background	cfu/100mL	0			15	---
Fecal Coliform	cfu/100mL	0			0	0
Other (ORP)						
pH	No unit	0.05	8.5		8.26	---
Chloride	mg/L	1	250		37	---

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
7 Dafoe					
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	6		0
Turbidity	SM 2130	NTU	28	5	1
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	283	100	
Iron	SM 3030/EPA 200.8	mg/L	5.22	0.3	
Manganese	SM 3030/EPA 200.8	mg/L	0.0768	0.05	
QA/QC					
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	2		0

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0592-MAY24	mg/L as CaCO3	2	< 2	0	20	100	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0232-MAY24	as N mg/L	0.1	<0.1	3	10	105	90	110	92	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENVIEWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO8075-MAY24	mg/L	1	<1	ND	20	97	80	120	101	75	125
Sulphate	DIO8075-MAY24	mg/L	2	<2	1	20	109	80	120	95	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENVIIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Nitrite (as N)	DIO0553-MAY24	mg/L	0.03	<0.03	10	20	99	90	110	102	75	125
Nitrate (as N)	DIO0553-MAY24	mg/L	0.06	<0.06	2	20	97	90	110	93	75	125

QC SUMMARY

Carbon by SFA

Method: SM 5310 I Internal ref.: ME-CA-IENVISFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Dissolved Organic Carbon	SKA0221-MAY24	mg/L	1	<1	4	20	102	90	110	94	75	125

Colour

Method: SM 2120 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0579-MAY24	TCU	3	< 3	ND	10	100	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0592-MAY24	uS/cm	2	< 2	0	20	99	90	110	NA		

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Calcium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	ND	20	104	90	110	93	70	130
Iron (total)	EMS0239-MAY24	mg/L	0.007	<0.007	ND	20	104	90	110	100	70	130
Magnesium (total)	EMS0239-MAY24	mg/L	0.001	<0.001	ND	20	103	90	110	88	70	130
Manganese (total)	EMS0239-MAY24	mg/L	0.00001	<0.00001	ND	20	107	90	110	101	70	130
Sodium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	0	20	104	90	110	86	70	130

Microbiology

Method: OMOE MICROMFDC-E3407A | Internal ref.: ME-CA-IENVIMIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Coliform Background	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
E. Coli	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Fecal Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Total Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	EWL0592-MAY24	No unit	0.05	NA	0		101			NA		

Solids Analysis

Method: SM 2540C I Internal ref.: ME-CA-IENVIEWL-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Dissolved Solids	EWL0565-MAY24	mg/L	30	<30	2	20	100	80	120	NA		

Turbidity

Method: SM 2130 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Turbidity	EWL0567-MAY24	NTU	0.10	< 0.10	3	10	100	90	110	NA		

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS Insufficient sample for analysis.
RL Reporting Limit.
↑ Reporting limit raised.
↓ Reporting limit lowered.
NA The sample was not analysed for this analyte
ND Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

No: 038606

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Page ____ of ____

Laboratory Information Section - Lab use only

Received By: Siri Romard
Received Date: MAY 23 2024 (mm/dd/yy)
Received Time: 16 : 55 (hr : min)
Received By (signature): Siri Romard
Custody Seal Present: Yes [✓] No [ ]
Custody Seal Intact: Yes [✓] No [ ]
Cooling Agent Present: Yes [✓] No [ ] Type: ICE
Temperature Upon Receipt (°C) 18.17.16
LAB LIMS #: CA-15221-MAY24

SR.

REPORT INFORMATION

Company: CAMBIUM INC
Contact: CAM MACDOUGALL, HOLLY WARREN
Address: 194 SOPHIA, P7B0
Phone:
Fax:
Email: cameron.macdougall@cambium-inc.com; warren.young@cambium-inc.com; holly.warren@cambium-inc.com

INVOICE INFORMATION

[✓] (same as Report Information)
Company: WARREN YOUNG
Contact:
Address:
Phone:
Email:

Quotation #: 2024 417
Project #: 18619-003
P.O. #:
Site Location/ID:

TURNAROUND TIME (TAT) REQUIRED

[✓] Regular TAT (5-7days)
TAT's are quoted in business days (exclude statutory holidays & weekends).
Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): [ ] 1 Day [ ] 2 Days [ ] 3 Days [ ] 4 Days
PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

[ ] O.Reg 153/04 [✓] O.Reg 406/19
[ ] Table 1 [ ] Res/Park Soil Texture:
[ ] Table 2 [ ] Ind/Com [ ] Coarse
[ ] Table 3 [ ] Agri/Other [ ] Medium/Fine
[ ] Table ____ Appx. ____
Soil Volume [ ] <350m3 [ ] >350m3

Other Regulations:
[ ] Reg 347/558 (3 Day min TAT)
[ ] PWQO [ ] MMER
[ ] CCME [ ] Other:
[ ] MISA
[X] ODWS Not Reportable *See note

Sewer By-Law:
[ ] Sanitary
[ ] Storm
Municipality:

RECORD OF SITE CONDITION (RSC) [ ] YES [ ] NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH,(BHWS),EC,SAR–soil) (Cl, Na–water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Be,Ba,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total [ ] Aroclor [ ]	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other: As per above #s	Other: ~~Metals + Inorganics~~	Other: TOTAL COLIFORM + E.COLI	Other: FECAL COLIFORM	Other: Sewer Use: Specify pkg:	Other: Water Characterization Pkg General [ ] Extended	SPLP: Specify tests	TCLP: Specify tests	COMMENTS:
1	7 Dafoe	05/23/24	10:50	10	GW	N												X						☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN	☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.	
2	QA/QC	↓	10:50	~~1~~ 10	GW	N														X	X					
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

Observations/Comments/Special Instructions

Sampled By (NAME): Kaitlyn Yonemitsu Signature:
Relinquished by (NAME): Kaitlyn Yonemitsu Signature:
Date: 05 / 23 / 24 (mm/dd/yy)
Date: 05 / 23 / 24 (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

Note: Submission of samples to SGS is acknowledgement that you have been provided direction on sample collection/handling and transportation of samples. (2) Submission of samples to SGS is considered authorization for completion of work. Signatures may appear on this form or be retained on file in the contract, or in an alternative format (e.g. shipping documents). (3) Results may be sent by email to an unlimited number of addresses for no additional cost. Fax is available upon request. This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. (Printed copies are available upon request.) Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

FINAL REPORT

CA15223-MAY24 R1

18619-003

Prepared for

Cambium Inc.

FINAL REPORT

First Page

CLIENT DETAILS

Client	Cambium Inc.
Address	194 Sofia Street, Peterborough Canada, K9H 1E3 Phone: 705-742-7900. Fax:705-742-7907
Contact	Cameron MacDougall
Telephone	705-742-7900
Facsimile	705-742-7907
Email	cameron.macdougall@cambium-inc.com; file@cambium-inc.cc
Project	18619-003
Order Number	
Samples	Ground Water (2)

LABORATORY DETAILS

Project Specialist	Jill Campbell, B.Sc.,GISAS
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	2165
Facsimile	705-652-6365
Email	jill.campbell@sgs.com
SGS Reference	CA15223-MAY24
Received	05/23/2024
Approved	05/29/2024
Report Number	CA15223-MAY24 R1
Date Reported	05/29/2024

COMMENTS

Temperature of Sample upon Receipt: 17 degrees C
Cooling Agent Present: Yes
Custody Seal Present: Yes

Chain of Custody Number: 038606

SIGNATORIES

Jill Campbell, B.Sc.,GISAS

TABLE OF CONTENTS

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

					Sample Number	9	10
					Sample Name	306 Zephyr	QA/QC
					Sample Matrix	Ground Water	Ground Water
					Sample Date	23/05/2024	23/05/2024
Parameter		**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
General Chemistry							
Alkalinity		mg/L as CaCO3	2	500		305	---
Colour		TCU	3	5		11	---
Conductivity		uS/cm	2			1530	---
Total Dissolved Solids		mg/L	30	500		900	---
Turbidity		NTU	0.10	5	1	35	---
Dissolved Organic Carbon		mg/L	1	5		3	---
Ammonia+Ammonium (N)		as N mg/L	0.1			0.7	---
Metals and Inorganics							
Sulphate		mg/L	2	500		44	---
Nitrite (as N)		as N mg/L	0.03		1	< 0.03	---
Nitrate (as N)		as N mg/L	0.06		10	< 0.06	---
Hardness		mg/L as CaCO3	0.05	100		360	---
Calcium (total)		mg/L	0.01			110	---
Iron (total)		mg/L	0.007	0.3		2.75	---
Magnesium (total)		mg/L	0.001			21.0	---
Manganese (total)		mg/L	0.00001	0.05		1.42	---
Sodium (total)		mg/L	0.01	200	20	181	---

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	306 Zephyr	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	23/05/2024	23/05/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
Microbiology						
E. Coli	cfu/100mL	0		0	0	0
Total Coliform	cfu/100mL	0		0	5	9
Total Coliform Background	cfu/100mL	0			35	---
Fecal Coliform	cfu/100mL	0			0	0
Other (ORP)						
pH	No unit	0.05	8.5		7.86	---
Chloride	mg/L	1	250		320	---

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
306 Zephyr					
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	5		0
Colour	SM 2120	TCU	11	5	
Turbidity	SM 2130	NTU	35	5	1
Total Dissolved Solids	SM 2540C	mg/L	900	500	
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	360	100	
Iron	SM 3030/EPA 200.8	mg/L	2.75	0.3	
Manganese	SM 3030/EPA 200.8	mg/L	1.42	0.05	
Sodium	SM 3030/EPA 200.8	mg/L	181		20
Chloride	US EPA 325.2	mg/L	320	250	
QA/QC					
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	9		0

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0604-MAY24	mg/L as CaCO3	2	< 2	1	20	100	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0232-MAY24	as N mg/L	0.1	<0.1	3	10	105	90	110	92	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO8075-MAY24	mg/L	1	<1	ND	20	97	80	120	101	75	125
Sulphate	DIO8075-MAY24	mg/L	2	<2	1	20	109	80	120	95	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENV]IC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Nitrite (as N)	DIO0553-MAY24	mg/L	0.03	<0.03	10	20	99	90	110	102	75	125
Nitrate (as N)	DIO0553-MAY24	mg/L	0.06	<0.06	2	20	97	90	110	93	75	125

QC SUMMARY

Carbon by SFA

Method: SM 5310 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Dissolved Organic Carbon	SKA0221-MAY24	mg/L	1	<1	4	20	102	90	110	94	75	125

Colour

Method: SM 2120 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0579-MAY24	TCU	3	< 3	ND	10	100	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0604-MAY24	uS/cm	2	< 2	0	20	99	90	110	NA		

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Calcium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	ND	20	104	90	110	93	70	130
Iron (total)	EMS0239-MAY24	mg/L	0.007	<0.007	ND	20	104	90	110	100	70	130
Magnesium (total)	EMS0239-MAY24	mg/L	0.001	<0.001	ND	20	103	90	110	88	70	130
Manganese (total)	EMS0239-MAY24	mg/L	0.00001	<0.00001	ND	20	107	90	110	101	70	130
Sodium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	0	20	104	90	110	86	70	130

Microbiology

Method: OMOE MICROMFDC-E3407A | Internal ref.: ME-CA-IENVIMIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Coliform Background	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
E. Coli	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Fecal Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Total Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	EWL0604-MAY24	No unit	0.05	NA	0		101			NA		

Solids Analysis

Method: SM 2540C I Internal ref.: ME-CA-IENVIEWL-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Dissolved Solids	EWL0565-MAY24	mg/L	30	<30	2	20	100	80	120	NA		

Turbidity

Method: SM 2130 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Turbidity	EWL0567-MAY24	NTU	0.10	< 0.10	3	10	100	90	110	NA		

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS	Insufficient sample for analysis.
RL	Reporting Limit.
↑	Reporting limit raised.
↓	Reporting limit lowered.
NA	The sample was not analysed for this analyte
ND	Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

No: 038606

Page____ of____

Laboratory Information Section - Lab use only

Received By: Siri Romard
Received Date: MAY 2 3 2024 (mm/dd/yy)
Received Time: 16 : 55 (hr : min)

Received By (signature): Siri Romard
Custody Seal Present: Yes ☑ No ☐
Custody Seal Intact: Yes ☑ No ☐

Cooling Agent Present: Yes ☑ No ☐ Type: ICE
Temperature Upon Receipt (°C) 18, 17, 16.

LAB LIMS #: CA-15223-MAY24 SR.

REPORT INFORMATION

Company: CAMBIUM INC
Contact: CAM MACDOUGALL, HOLLY WARREN, WARREN YOUNG
Address: 194 SOPHIA, PTBO
Phone:
Fax:
Email: cameron.macdougall@cambium-inc.com warren.young@cambium-inc.com holly.warren@cambium-inc.com

INVOICE INFORMATION

☑ (same as Report Information)
Company:
Contact:
Address:
Phone:
Email:

Quotation #: 2024 417
Project #: 18619-003
P.O. #:
Site Location/ID:

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)

TAT's are quoted in business days (exclude statutory holidays & weekends). Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days

PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☐ Table 1 ☐ Res/Park Soil Texture:
☐ Table 2 ☐ Ind/Com ☐ Coarse
☐ Table 3 ☐ Agri/Other ☐ Medium/Fine
☐ Table ______ Appx. ______
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other:
☐ MISA
☒ ODWS Not Reportable *See note

Sewer By-Law:
☐ Sanitary
☐ Storm
Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

M & I: Metals & Inorganics (incl CrVI, CN, Hg pH, (B(HWS), EC, SAR-soil) (Cl, Na-water)); Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI); ICP Metals only (Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Pb, Mo, Ni, Se, Ag, Tl, U, V, Zn)
SVOC: PAHs only; SVOCs (all incl PAHs, ABNs, CPs)
PCB: PCBs ☐ Total ☐ Aroclor
PHC: F1-F4 + BTEX; F1-F4 only (no BTEX)
VOC: VOCs (all incl BTEX); BTEX only
Pest: Pesticides (Organochlorine or specify other)
Other (please specify): As per quote # 2024 417; [illegible, struck out]; Total coliform + E-coli; Fecal coliform; Sewer Use (Specify pkg:); Water Characterization Pkg (☐ General ☐ Extended)
SPLP (Specify tests): ☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN
TCLP (Specify tests): ☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.

#	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	Metals & Inorganics	Full Metals Suite	ICP Metals only	PAHs only	SVOCs	PCBs	F1-F4 + BTEX	F1-F4 only	VOCs	BTEX only	Pesticides	As per quote # 2024 417	[struck out]	Total coliform + E-coli	Fecal coliform	Sewer Use	Water Characterization Pkg	SPLP	TCLP	COMMENTS
1	306 Zephyr	05/23/24	13:30	10	GW	N												X								
2	QA/QC	↓	13:30	1	GW	N														X	X					
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

Observations/Comments/Special Instructions

Sampled By (NAME): K. Yonemitsu Signature: [signature] Date: 05, 23, 24 (mm/dd/yy)
Relinquished by (NAME): K. Yonemitsu Signature: [signature] Date: 05, 23, 24 (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

FINAL REPORT

CA15220-MAY24 R1

18619-003

Prepared for

Cambium Inc.

FINAL REPORT

First Page

CLIENT DETAILS

Client	Cambium Inc.
Address	194 Sofia Street, Peterborough Canada, K9H 1E3 Phone: 705-742-7900. Fax:705-742-7907
Contact	Cameron MacDougall
Telephone	705-742-7900
Facsimile	705-742-7907
Email	cameron.macdougall@cambium-inc.com; file@cambium-inc.cc
Project	18619-003
Order Number	
Samples	Ground Water (2)

LABORATORY DETAILS

Project Specialist	Jill Campbell, B.Sc.,GISAS
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	2165
Facsimile	705-652-6365
Email	jill.campbell@sgs.com
SGS Reference	CA15220-MAY24
Received	05/23/2024
Approved	05/30/2024
Report Number	CA15220-MAY24 R1
Date Reported	05/30/2024

COMMENTS

Temperature of Sample upon Receipt: 17 degrees C
Cooling Agent Present: Yes
Custody Seal Present: Yes

Chain of Custody Number: 038606

Note: Elevated TotColi reporting limit for Zephyr, and elevated Ecoli reporting limit for Zephyr and QA/QC due to excessive growth of bacteria at higher volumes.

SIGNATORIES

Jill Campbell, B.Sc.,GISAS

TABLE OF CONTENTS

FINAL REPORT

CA15220-MAY24 R1

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: H. Warren

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

					Sample Number	9	10
					Sample Name	315 Zephyr	QA/QC
					Sample Matrix	Ground Water	Ground Water
					Sample Date	23/05/2024	23/05/2024
Parameter		**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
General Chemistry							
Alkalinity		mg/L as CaCO3	2	500		218	---
Colour		TCU	3	5		5	---
Conductivity		uS/cm	2			579	---
Total Dissolved Solids		mg/L	30	500		380	---
Turbidity		NTU	0.10	5	1	26	---
Dissolved Organic Carbon		mg/L	1	5		< 1	---
Ammonia+Ammonium (N)		as N mg/L	0.1			< 0.1	---
Metals and Inorganics							
Sulphate		mg/L	2	500		46	---
Nitrite (as N)		as N mg/L	0.03		1	< 0.03	---
Nitrate (as N)		as N mg/L	0.06		10	< 0.06	---
Hardness		mg/L as CaCO3	0.05	100		291	---
Calcium (total)		mg/L	0.01			84.6	---
Iron (total)		mg/L	0.007	0.3		3.45	---
Magnesium (total)		mg/L	0.001			19.4	---
Manganese (total)		mg/L	0.00001	0.05		0.0506	---
Sodium (total)		mg/L	0.01	200	20	8.87	---

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: H. Warren

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	315 Zephyr	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	23/05/2024	23/05/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
Microbiology						
E. Coli	cfu/100mL	0		0	< 20↑	< 20↑
Total Coliform	cfu/100mL	0		0	< 20↑	40
Total Coliform Background	cfu/100mL	0			300	---
Fecal Coliform	cfu/100mL	0			0	0
Other (ORP)						
pH	No unit	0.05	8.5		8.14	---
Chloride	mg/L	1	250		41	---

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
315 Zephyr					
E.Coli	OMOE MICROMFDC-E3407A	cfu/100mL	< 20		0
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	< 20		0
Turbidity	SM 2130	NTU	26	5	1
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	291	100	
Iron	SM 3030/EPA 200.8	mg/L	3.45	0.3	
Manganese	SM 3030/EPA 200.8	mg/L	0.0506	0.05	
QA/QC					
E.Coli	OMOE MICROMFDC-E3407A	cfu/100mL	< 20		0
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	40		0

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0604-MAY24	mg/L as CaCO3	2	< 2	1	20	100	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0232-MAY24	as N mg/L	0.1	<0.1	3	10	105	90	110	92	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO8075-MAY24	mg/L	1	<1	ND	20	97	80	120	101	75	125
Sulphate	DIO8075-MAY24	mg/L	2	<2	1	20	109	80	120	95	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENV]IC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Nitrite (as N)	DIO0553-MAY24	mg/L	0.03	<0.03	10	20	99	90	110	102	75	125
Nitrate (as N)	DIO0553-MAY24	mg/L	0.06	<0.06	2	20	97	90	110	93	75	125

QC SUMMARY

Carbon by SFA

Method: SM 5310 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Dissolved Organic Carbon	SKA0221-MAY24	mg/L	1	<1	4	20	102	90	110	94	75	125

Colour

Method: SM 2120 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0579-MAY24	TCU	3	< 3	ND	10	100	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0604-MAY24	uS/cm	2	< 2	0	20	99	90	110	NA		

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Calcium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	ND	20	104	90	110	93	70	130
Iron (total)	EMS0239-MAY24	mg/L	0.007	<0.007	ND	20	104	90	110	100	70	130
Magnesium (total)	EMS0239-MAY24	mg/L	0.001	<0.001	ND	20	103	90	110	88	70	130
Manganese (total)	EMS0239-MAY24	mg/L	0.00001	<0.00001	ND	20	107	90	110	101	70	130
Sodium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	0	20	104	90	110	86	70	130

Microbiology

Method: OMOE MICROMFDC-E3407A | Internal ref.: ME-CA-IENVIMIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Coliform Background	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
E. Coli	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Fecal Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Total Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	EWL0604-MAY24	No unit	0.05	NA	0		101			NA		

Solids Analysis

Method: SM 2540C I Internal ref.: ME-CA-IENVIEWL-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Dissolved Solids	EWL0565-MAY24	mg/L	30	<30	2	20	100	80	120	NA		

Turbidity

Method: SM 2130 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Turbidity	EWL0567-MAY24	NTU	0.10	< 0.10	3	10	100	90	110	NA		

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS	Insufficient sample for analysis.
RL	Reporting Limit.
↑	Reporting limit raised.
↓	Reporting limit lowered.
NA	The sample was not analysed for this analyte
ND	Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

No: 038606

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Page _____ of _____

Laboratory Information Section - Lab use only

Received By: Siri Romard
Received Date: 05/23/24 (mm/dd/yy)
Received Time: 16 : 55 (hr : min)
Received By (signature): Siri Romard
Custody Seal Present: Yes ☑ No ☐
Custody Seal Intact: Yes ☑ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: ICE
Temperature Upon Receipt (°C) 18 . 17 . 16
LAB LIMS #: CA-15220-MAY24 SR.

REPORT INFORMATION	INVOICE INFORMATION
Company: CAMBIUM INC	☑ (same as Report Information)
Contact: CAM MACDOUGALL, HOLLY WARREN	Company: WARREN YOUNG
Address: 194 SOPHIA, PTBO	Contact:
	Address:
Phone:	
Fax:	Phone:
Email: cameron.macdougall@cambium-inc.com, warren-young@cambium-inc.com, holly.warren@cambium-inc.com	Email:

Quotation #: 2024 417
Project #: 18619-003
P.O. #:
Site Location/ID:

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)
TAT's are quoted in business days (exclude statutory holidays & weekends).
Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days
PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date: _____

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☐ Table 1 ☐ Res/Park Soil Texture: ☐ Coarse
☐ Table 2 ☐ Ind/Com ☐ Medium/Fine
☐ Table 3 ☐ Agri/Other
☐ Table _____ Appx. _____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other:
☐ MISA
☒ ODWS Not Reportable *See note

Sewer By-Law:
☐ Sanitary
☐ Storm
Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR-soil) (Cl, Na-water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only (Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs (all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only (no BTEX	VOC: VOCs (all incl BTEX	VOC: BTEX only	Pest: Pesticides (Organochlorine or specify other	Other: AS PER QUOTE #2024 417	Other: [illegible]	Other: TOTAL COLIFORM + E.COLI	Other: FECAL COLIFORM	Other: Sewer Use: (Specify pkg:	Other: Water Characterization Pkg (General ☐ Extended ☐	SPLP: Specify tests (☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN	TCLP: Specify tests (☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.	COMMENTS:
1	315 ZEPHYR	05/23/24	9:55	10	GW	N												X		X	X					
2	QA/QC	↓	—	1	GW	N														X	X					
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

Observations/Comments/Special Instructions

Sampled By (NAME): H-WARREN Signature: H-W Date: 05/23/24 (mm/dd/yy)
Relinquished by (NAME): H-WARREN Signature: H-W Date: 05/23/24 (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

FINAL REPORT

CA40189-JUN24 R1

18619-003

Prepared for

Cambium Inc.

FINAL REPORT

First Page

CLIENT DETAILS

Client	Cambium Inc.
Address	194 Sofia Street, Peterborough Canada, K9H 1E3 Phone: 705-742-7900. Fax:705-742-7907
Contact	Cameron MacDougall
Telephone	705-742-7900
Facsimile	705-742-7907
Email	cameron.macdougall@cambium-inc.com; file@cambium-inc.cc
Project	18619-003
Order Number	
Samples	Ground Water (2)

LABORATORY DETAILS

Project Specialist	Brad Moore Hon. B.Sc
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	705-652-2143
Facsimile	705-652-6365
Email	brad.moore@sgs.com
SGS Reference	CA40189-JUN24
Received	06/26/2024
Approved	07/02/2024
Report Number	CA40189-JUN24 R1
Date Reported	07/02/2024

COMMENTS

Temperature of Sample upon Receipt: 15 degrees C
Cooling Agent Present: Yes
Custody Seal Present: Yes

Chain of Custody Number: n/a

SIGNATORIES

Brad Moore Hon. B.Sc

TABLE OF CONTENTS

FINAL REPORT

CA40189-JUN24 R1

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: Kaitlyn Yonevnitsu

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

					Sample Number	9	10
					Sample Name	12759 RR 39	QA/QC
					Sample Matrix	Ground Water	Ground Water
					Sample Date	26/06/2024	26/06/2024
Parameter		**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
General Chemistry							
Alkalinity		mg/L as CaCO3	2	500		190	---
Colour		TCU	3	5		3	---
Conductivity		uS/cm	2			502	---
Total Dissolved Solids		mg/L	30	500		323	---
Turbidity		NTU	0.10	5	1	22	---
Dissolved Organic Carbon		mg/L	1	5		1	---
Ammonia+Ammonium (N)		as N mg/L	0.1			0.2	---
Metals and Inorganics							
Sulphate		mg/L	2	500		60	---
Nitrite (as N)		as N mg/L	0.03		1	< 0.03	---
Nitrate (as N)		as N mg/L	0.06		10	< 0.06	---
Hardness		mg/L as CaCO3	0.05	100		242	---
Calcium (total)		mg/L	0.01			69.1	---
Iron (total)		mg/L	0.007	0.3		5.36	---
Magnesium (total)		mg/L	0.001			16.9	---
Manganese (total)		mg/L	0.00001	0.05		0.0986	---
Sodium (total)		mg/L	0.01	200	20	6.00	---

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: Kaitlyn Yonevnitsu

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	12759 RR 39	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	26/06/2024	26/06/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
Microbiology						
E. Coli	cfu/100mL	0		0	140	300
Total Coliform	cfu/100mL	0		0	300	500
Total Coliform Background	cfu/100mL	0			7600	---
Fecal Coliform	cfu/100mL	0			98	---
Other (ORP)						
pH	No unit	0.05	8.5		8.12	---
Chloride	mg/L	1	250		21	---

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
12759 RR 39					
Turbidity	SM 2130	NTU	22	5	1
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	242	100	
Iron	SM 3030/EPA 200.8	mg/L	5.36	0.3	
Manganese	SM 3030/EPA 200.8	mg/L	0.0986	0.05	
Total Coliform	SM 9222	cfu/100mL	300		0
E.Coli	SM 9222D	cfu/100mL	140		0
QA/QC					
Total Coliform	SM 9222	cfu/100mL	500		0
E.Coli	SM 9222D	cfu/100mL	300		0

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0631-JUN24	mg/L as CaCO3	2	< 2	0	20	104	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0242-JUN24	as N mg/L	0.1	<0.1	2	10	102	90	110	104	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO8081-JUN24	mg/L	1	<1	1	20	97	80	120	102	75	125
Sulphate	DIO8081-JUN24	mg/L	2	<2	1	20	107	80	120	104	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENV]IC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Nitrite (as N)	DIO0595-JUN24	mg/L	0.03	<0.03	NV	20	98	90	110	NV	75	125
Nitrate (as N)	DIO0595-JUN24	mg/L	0.06	<0.06	NV	20	100	90	110	NV	75	125

QC SUMMARY

Carbon by SFA

Method: SM 5310 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Dissolved Organic Carbon	SKA0247-JUN24	mg/L	1	<1	1	20	98	90	110	92	75	125

Colour

Method: SM 2120 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0644-JUN24	TCU	3	< 3	0	10	110	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0631-JUN24	uS/cm	2	< 2	0	20	99	90	110	NA		

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Calcium (total)	EMS0254-JUN24	mg/L	0.01	<0.01	ND	20	96	90	110	94	70	130
Iron (total)	EMS0254-JUN24	mg/L	0.007	<0.007	ND	20	101	90	110	75	70	130
Magnesium (total)	EMS0254-JUN24	mg/L	0.001	<0.001	0	20	100	90	110	97	70	130
Manganese (total)	EMS0254-JUN24	mg/L	0.00001	<0.00001	ND	20	100	90	110	103	70	130
Sodium (total)	EMS0254-JUN24	mg/L	0.01	<0.01	ND	20	99	90	110	97	70	130

Microbiology

Method: SM 9222 | Internal ref.: ME-CA-IENVIMIC-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Coliform Background	BAC9439-JUN24	cfu/100mL	-	ACCEPTED		ACCEPTED						
E. Coli	BAC9439-JUN24	cfu/100mL	-	ACCEPTED		ACCEPTED						
Fecal Coliform	BAC9439-JUN24	cfu/100mL	-	ACCEPTED		ACCEPTED						
Total Coliform	BAC9439-JUN24	cfu/100mL	-	ACCEPTED		ACCEPTED						

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High
pH	EWL0631-JUN24	No unit	0.05	NA	1		100			NA		

Solids Analysis

Method: SM 2540C I Internal ref.: ME-CA-IENVIEWL-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High
Total Dissolved Solids	EWL0664-JUN24	mg/L	30	<30	ND	20	101	80	120	NA		

Turbidity

Method: SM 2130 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High
Turbidity	EWL0628-JUN24	NTU	0.10	< 0.10	1	10	99	90	110	NA		

QC SUMMARY

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LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

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Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS	Insufficient sample for analysis.
RL	Reporting Limit.
↑	Reporting limit raised.
↓	Reporting limit lowered.
NA	The sample was not analysed for this analyte
ND	Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
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This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

No: 038606

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Laboratory Information Section - Lab use only

Received By: Sindoori Satheesh
Received Date: 06/26/2024 (mm/dd/yy)
Received Time: 16:00 (hr : min)
Received By (signature): [signature]
Custody Seal Present: Yes ☑ No ☐
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: ice
Temperature Upon Receipt (°C) 15, 15, 13
LAB LIMS #: CA40189-Jun24

REPORT INFORMATION

Company: CAMBIUM INC
Contact: CAM MACDOUGALL, HOLLY WARREN, WARREN YOUNG
Address: 194 SOPHIA, ITBO
Phone:
Fax:
Email: cameron.macdougall@cambium-inc.com, warren.young@cambium-inc.com, holly.warren@cambium-inc.com

INVOICE INFORMATION

☑ (same as Report Information)
Company:
Contact:
Address:
Phone:
Email:

Quotation #: 2024 417
Project #: 18619-003
P.O. #:
Site Location/ID:

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)

TAT's are quoted in business days (exclude statutory holidays & weekends). Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days

PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☐ Table 1 ☐ Res/Park Soil Texture:
☐ Table 2 ☐ Ind/Com ☐ Coarse
☐ Table 3 ☐ Agri/Other ☐ Medium/Fine
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT) ☐ PWQO ☐ MMER ☐ CCME ☐ Other: ☐ MISA
☒ ODWS Not Reportable *See note

Sewer By-Law: ☐ Sanitary ☐ Storm Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

M & I: Field Filtered (Y/N); Metals & Inorganics (incl CrVI, CN, Hg pH, (B(HWS), EC, SAR-soil) (Cl, Na-water)); Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI); ICP Metals only (Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Pb, Mo, Ni, Se, Ag, Tl, U, V, Zn)
SVOC: PAHs only; SVOCs (all incl PAHs, ABNs, CPs)
PCB: PCBs ☐ Total ☐ Aroclor
PHC: F1-F4 + BTEX; F1-F4 only (no BTEX)
VOC: VOCs (all incl BTEX); BTEX only
Pest: Pesticides (Organochlorine or specify other)
Other (please specify): As per quote # 2024 417; ~~[struck through]~~; TOTAL COLIFORM + E.COLI; ~~Fecal~~; ~~[struck through]~~
Sewer Use: Specify pkg:
Water Characterization Pkg: General ☐ Extended ☐
SPLP: Specify tests ☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN
TCLP: Specify tests ☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.
COMMENTS:

#	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	As per quote # 2024 417	TOTAL COLIFORM + E.COLI	~~Fecal~~	COMMENTS
1	12759 RR 39	06/26/24	12:00	10	GW	N	X			
2	QA/QC	06/26/24		1	GW			X	X	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Observations/Comments/Special Instructions: ODWS Not Reportable

Sampled By (NAME): Kaitlyn Yonemitsu Signature: [signature] Date: 06/26/2024 (mm/dd/yy) Pink Copy - Client
Relinquished by (NAME): Kaitlyn Yonemitsu Signature: [signature] Date: 06/26/2024 (mm/dd/yy) Yellow & White Copy - SGS

FINAL REPORT

CA15222-MAY24 R1

18619-003

Prepared for

Cambium Inc.

FINAL REPORT

First Page

CLIENT DETAILS

Client	Cambium Inc.
Address	194 Sofia Street, Peterborough Canada, K9H 1E3 Phone: 705-742-7900. Fax:705-742-7907
Contact	Cameron MacDougall
Telephone	705-742-7900
Facsimile	705-742-7907
Email	cameron.macdougall@cambium-inc.com; file@cambium-inc.cc
Project	18619-003
Order Number	
Samples	Ground Water (2)

LABORATORY DETAILS

Project Specialist	Jill Campbell, B.Sc.,GISAS
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	2165
Facsimile	705-652-6365
Email	jill.campbell@sgs.com
SGS Reference	CA15222-MAY24
Received	05/23/2024
Approved	05/29/2024
Report Number	CA15222-MAY24 R1
Date Reported	05/29/2024

COMMENTS

Temperature of Sample upon Receipt: 17 degrees C
Cooling Agent Present: Yes
Custody Seal Present: Yes

Chain of Custody Number: 038606

Note: Elevated Ecoli reporting limit for 12840 and QA/QC due to excessive growth of bacteria at higher volumes.

SIGNATORIES

Jill Campbell, B.Sc.,GISAS

TABLE OF CONTENTS

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	12840 RR39	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	23/05/2024	23/05/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
General Chemistry						
Alkalinity	mg/L as CaCO3	2	500		284	---
Colour	TCU	3	5		7	---
Conductivity	uS/cm	2			1080	---
Total Dissolved Solids	mg/L	30	500		663	---
Turbidity	NTU	0.10	5	1	43	---
Dissolved Organic Carbon	mg/L	1	5		< 1	---
Ammonia+Ammonium (N)	as N mg/L	0.1			< 0.1	---
Metals and Inorganics						
Sulphate	mg/L	2	500		61	---
Nitrite (as N)	as N mg/L	0.03		1	0.04	---
Nitrate (as N)	as N mg/L	0.06		10	0.36	---
Hardness	mg/L as CaCO3	0.05	100		373	---
Calcium (total)	mg/L	0.01			112	---
Iron (total)	mg/L	0.007	0.3		10.9	---
Magnesium (total)	mg/L	0.001			22.6	---
Manganese (total)	mg/L	0.00001	0.05		0.0301	---
Sodium (total)	mg/L	0.01	200	20	76.6	---

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	12840 RR39	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	23/05/2024	23/05/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
Microbiology						
E. Coli	cfu/100mL	0		0	< 20↑	< 20↑
Total Coliform	cfu/100mL	0		0	80	60
Total Coliform Background	cfu/100mL	0			740	---
Fecal Coliform	cfu/100mL	0			0	0
Other (ORP)						
pH	No unit	0.05	8.5		8.08	---
Chloride	mg/L	1	250		180	---

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
12840 RR39					
E.Coli	OMOE MICROMFDC-E3407A	cfu/100mL	< 20		0
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	80		0
Colour	SM 2120	TCU	7	5	
Turbidity	SM 2130	NTU	43	5	1
Total Dissolved Solids	SM 2540C	mg/L	663	500	
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	373	100	
Iron	SM 3030/EPA 200.8	mg/L	10.9	0.3	
Sodium	SM 3030/EPA 200.8	mg/L	76.6		20
QA/QC					
E.Coli	OMOE MICROMFDC-E3407A	cfu/100mL	< 20		0
Total Coliform	OMOE MICROMFDC-E3407A	cfu/100mL	60		0

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0604-MAY24	mg/L as CaCO3	2	< 2	1	20	100	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0245-MAY24	as N mg/L	0.1	<0.1	ND	10	92	90	110	98	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENVIEWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO8075-MAY24	mg/L	1	<1	ND	20	97	80	120	101	75	125
Sulphate	DIO8075-MAY24	mg/L	2	<2	1	20	109	80	120	95	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENVIIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Nitrite (as N)	DIO0553-MAY24	mg/L	0.03	<0.03	10	20	99	90	110	102	75	125
Nitrate (as N)	DIO0553-MAY24	mg/L	0.06	<0.06	2	20	97	90	110	93	75	125

QC SUMMARY

Carbon by SFA

Method: SM 5310 I Internal ref.: ME-CA-IENVISFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Dissolved Organic Carbon	SKA0221-MAY24	mg/L	1	<1	4	20	102	90	110	94	75	125

Colour

Method: SM 2120 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0579-MAY24	TCU	3	< 3	ND	10	100	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0604-MAY24	uS/cm	2	< 2	0	20	99	90	110	NA		

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Calcium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	ND	20	104	90	110	93	70	130
Iron (total)	EMS0239-MAY24	mg/L	0.007	<0.007	ND	20	104	90	110	100	70	130
Magnesium (total)	EMS0239-MAY24	mg/L	0.001	<0.001	ND	20	103	90	110	88	70	130
Manganese (total)	EMS0239-MAY24	mg/L	0.00001	<0.00001	ND	20	107	90	110	101	70	130
Sodium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	0	20	104	90	110	86	70	130

Microbiology

Method: OMOE MICROMFDC-E3407A | Internal ref.: ME-CA-IENVIMIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Coliform Background	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
E. Coli	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Fecal Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Total Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	EWL0604-MAY24	No unit	0.05	NA	0		101			NA		

Solids Analysis

Method: SM 2540C I Internal ref.: ME-CA-IENVIEWL-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Dissolved Solids	EWL0565-MAY24	mg/L	30	<30	2	20	100	80	120	NA		

Turbidity

Method: SM 2130 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Turbidity	EWL0567-MAY24	NTU	0.10	< 0.10	3	10	100	90	110	NA		

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS	Insufficient sample for analysis.
RL	Reporting Limit.
↑	Reporting limit raised.
↓	Reporting limit lowered.
NA	The sample was not analysed for this analyte
ND	Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

No: 038606

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Page ____ of ____

Laboratory Information Section - Lab use only

Received By: MAY 23 2024 | Received By (signature): | Cooling Agent Present: Yes ☑ No ☐ Type: ICE
Received Date: ____ (mm/dd/yy) | Custody Seal Present: Yes ☑ No ☐ | Temperature Upon Receipt (°C) 18.17.16
Received Time: 16 : 55 (hr : min) | Custody Seal Intact: Yes ☑ No ☐ | LAB LIMS #: CA-15222-MAY24 SR.

REPORT INFORMATION	INVOICE INFORMATION
Company: CAMBIUM INC	☑ (same as Report Information)
Contact: CAM MACDOUGALL, HOLLY WARREN, WARREN YOUNG	Company: WARREN YOUNG
Address: 194 SOPHIA, R1B0	Contact:
	Address:
Phone:	
Fax:	Phone:
Email: cameron.macdougall@cambium-inc.com; warren.young@cambium-inc.com; holly.warren@cambium-inc.com	Email:

Quotation #: 2024 417 | P.O. #:
Project #: 18614-003 | Site Location/ID:

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days) — TAT's are quoted in business days (exclude statutory holidays & weekends). Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days

PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date: ____

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☐ Table 1 ☐ Res/Park Soil Texture: ☐ Table 2 ☐ Ind/Com ☐ Coarse ☐ Table 3 ☐ Agri/Other ☐ Medium/Fine ☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations: ☐ Reg 347/558 (3 Day min TAT) ☐ PWQO ☐ MMER ☐ CCME ☐ Other: ____ ☐ MISA ☐ ODWS Not Reportable *See note

Sewer By-Law: ☐ Sanitary ☐ Storm Municipality: ____

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR-soil) (Cl, Na-water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other: As per quote #2024-417	Other: ~~Metals + Inorganics~~	Other: TOTAL COLIFORM + E.COLI	Other: FECAL COLIFORM	Other: Sewer Use: Specify pkg:	Other: Water Characterization Pkg ☐ General ☐ Extended	SPLP: Specify tests ☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN	TCLP: Specify tests ☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.	COMMENTS:
1	12840 RR 39	05/23/24	12:05	10	GW	N												X							
2	QA/QC	↓	12:05	1	GW	N														X	X				
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Observations/Comments/Special Instructions

Sampled By (NAME): K. YONEMITSU | Signature: | Date: 5/23/24 (mm/dd/yy) | Pink Copy - Client
Relinquished by (NAME): K. YONEMITSU | Signature: | Date: 5/23/24 (mm/dd/yy) | Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

Note: Submission of samples to SGS is acknowledgement that you have been provided direction on sample collection, handling and transportation of samples. (2) Submission of samples to SGS is considered authorization for completion of work. Signatures may appear on this form or be retained on file in the contract, or in an alternative format (e.g. shipping documents). (3) Results may be sent by email to an unlimited number of addresses for no additional cost. Fax is available upon request. This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. (Printed copies are available upon request.) Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

FINAL REPORT

CA15225-MAY24 R1

18619-003

Prepared for

Cambium Inc.

FINAL REPORT

First Page

CLIENT DETAILS

Client	Cambium Inc.
Address	194 Sofia Street, Peterborough Canada, K9H 1E3 Phone: 705-742-7900. Fax:705-742-7907
Contact	Cameron MacDougall
Telephone	705-742-7900
Facsimile	705-742-7907
Email	cameron.macdougall@cambium-inc.com; file@cambium-inc.cc
Project	18619-003
Order Number	
Samples	Ground Water (2)

LABORATORY DETAILS

Project Specialist	Jill Campbell, B.Sc.,GISAS
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	2165
Facsimile	705-652-6365
Email	jill.campbell@sgs.com
SGS Reference	CA15225-MAY24
Received	05/23/2024
Approved	05/29/2024
Report Number	CA15225-MAY24 R1
Date Reported	05/29/2024

COMMENTS

Temperature of Sample upon Receipt: 17 degrees C
Cooling Agent Present: Yes
Custody Seal Present: Yes

Chain of Custody Number: 038606

SIGNATORIES

Jill Campbell, B.Sc.,GISAS

TABLE OF CONTENTS

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

					Sample Number	9	10
					Sample Name	12897 RR39	QA/QC
					Sample Matrix	Ground Water	Ground Water
					Sample Date	23/05/2024	23/05/2024
Parameter		**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
General Chemistry							
Alkalinity		mg/L as CaCO3	2	500		223	---
Colour		TCU	3	5		5	---
Conductivity		uS/cm	2			574	---
Total Dissolved Solids		mg/L	30	500		377	---
Turbidity		NTU	0.10	5	1	8.1	---
Dissolved Organic Carbon		mg/L	1	5		< 1	---
Ammonia+Ammonium (N)		as N mg/L	0.1			0.3	---
Metals and Inorganics							
Sulphate		mg/L	2	500		40	---
Nitrite (as N)		as N mg/L	0.03		1	< 0.03	---
Nitrate (as N)		as N mg/L	0.06		10	< 0.06	---
Hardness		mg/L as CaCO3	0.05	100		267	---
Calcium (total)		mg/L	0.01			69.5	---
Iron (total)		mg/L	0.007	0.3		1.64	---
Magnesium (total)		mg/L	0.001			22.8	---
Manganese (total)		mg/L	0.00001	0.05		0.0985	---
Sodium (total)		mg/L	0.01	200	20	18.1	---

Client: Cambium Inc.
Project: 18619-003
Project Manager: Cameron MacDougall
Samplers: K. Yonemitsa

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

				Sample Number	9	10
				Sample Name	12897 RR39	QA/QC
				Sample Matrix	Ground Water	Ground Water
				Sample Date	23/05/2024	23/05/2024
Parameter	**Units**	**RL**	**L1**	**L2**	**Result**	**Result**
Microbiology						
E. Coli	cfu/100mL	0		0	0	0
Total Coliform	cfu/100mL	0		0	0	0
Total Coliform Background	cfu/100mL	0			0	---
Fecal Coliform	cfu/100mL	0			0	0
Other (ORP)						
pH	No unit	0.05	8.5		8.19	---
Chloride	mg/L	1	250		42	---

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
12897 RR39					
Turbidity	SM 2130	NTU	8.1	5	1
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	267	100	
Iron	SM 3030/EPA 200.8	mg/L	1.64	0.3	
Manganese	SM 3030/EPA 200.8	mg/L	0.0985	0.05	

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0604-MAY24	mg/L as CaCO3	2	< 2	1	20	100	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0232-MAY24	as N mg/L	0.1	<0.1	3	10	105	90	110	92	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO8075-MAY24	mg/L	1	<1	ND	20	97	80	120	101	75	125
Sulphate	DIO8075-MAY24	mg/L	2	<2	1	20	109	80	120	95	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENV]IC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Nitrite (as N)	DIO0553-MAY24	mg/L	0.03	<0.03	10	20	99	90	110	102	75	125
Nitrate (as N)	DIO0553-MAY24	mg/L	0.06	<0.06	2	20	97	90	110	93	75	125

QC SUMMARY

Carbon by SFA

Method: SM 5310 I Internal ref.: ME-CA-[ENV]SFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Dissolved Organic Carbon	SKA0221-MAY24	mg/L	1	<1	4	20	102	90	110	94	75	125

Colour

Method: SM 2120 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0579-MAY24	TCU	3	< 3	ND	10	100	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0604-MAY24	uS/cm	2	< 2	0	20	99	90	110	NA		

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Calcium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	ND	20	104	90	110	93	70	130
Iron (total)	EMS0239-MAY24	mg/L	0.007	<0.007	ND	20	104	90	110	100	70	130
Magnesium (total)	EMS0239-MAY24	mg/L	0.001	<0.001	ND	20	103	90	110	88	70	130
Manganese (total)	EMS0239-MAY24	mg/L	0.00001	<0.00001	ND	20	107	90	110	101	70	130
Sodium (total)	EMS0239-MAY24	mg/L	0.01	<0.01	0	20	104	90	110	86	70	130

Microbiology

Method: OMOE MICROMFDC-E3407A | Internal ref.: ME-CA-IENVIMIC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Coliform Background	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
E. Coli	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Fecal Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							
Total Coliform	BAC9389-MAY24	cfu/100mL	-	ACCEPTED	ACCEPTED							

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	EWL0604-MAY24	No unit	0.05	NA	0		101			NA		

Solids Analysis

Method: SM 2540C I Internal ref.: ME-CA-IENVIEWL-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Dissolved Solids	EWL0565-MAY24	mg/L	30	<30	2	20	100	80	120	NA		

Turbidity

Method: SM 2130 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Turbidity	EWL0567-MAY24	NTU	0.10	< 0.10	3	10	100	90	110	NA		

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS Insufficient sample for analysis.
RL Reporting Limit.
↑ Reporting limit raised.
↓ Reporting limit lowered.
NA The sample was not analysed for this analyte
ND Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

No: 038606

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Page ____ of ____

Laboratory Information Section - Lab use only

Received By: Siri Romard
Received Date: MAY 23 2024 (mm/dd/yy)
Received Time: 16:55 (hr : min)
Received By (signature): Siri Romard
Custody Seal Present: Yes ☑ No ☐
Custody Seal Intact: Yes ☑ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: ICE
Temperature Upon Receipt (°C): 18.17.16
LAB LIMS #: CA-15225-MAY24 SR

REPORT INFORMATION

Company: CAMBIUM INC
Contact: CAM MACDOUGALL, HOLLY WARREN, WARREN YOUNG
Address: 194 SOPHIA, PTBO
Phone:
Fax:
Email: cameron.macdougall@cambium-inc.com; warren.young@cambium-inc.com; holly.warren@cambium-inc.com

INVOICE INFORMATION

☑ (same as Report Information)
Company: WARREN YOUNG
Contact:
Address:
Phone:
Email:

Quotation #: 2024 417
Project #: 18619-003
P.O. #:
Site Location/ID:

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)
TAT's are quoted in business days (exclude statutory holidays & weekends).
Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days
PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☑ O.Reg 406/19
☐ Table 1 ☐ Res/Park Soil Texture:
☐ Table 2 ☐ Ind/Com ☐ Coarse
☐ Table 3 ☐ Agri/Other ☐ Medium/Fine
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other:
☐ MISA
☒ ODWS Not Reportable *See note

Sewer By-Law:
☐ Sanitary
☐ Storm
Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg, pH, (B(HWS), EC, SAR-soil) (Cl, Na-water))	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI)	M&I: ICP Metals only (Sb,As,Ba,Be,B,Cd,Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn)	SVOC: PAHs only	SVOC: SVOCs (all incl PAHs, ABNs, CPs)	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only (no BTEX)	VOC: VOCs (all incl BTEX)	VOC: BTEX only	Pest: Pesticides (Organochlorine or specify other)	Other: AS PER SOURCE #...	Other: [illegible]	Other: TOTAL COLIFORM + E.COLI	Other: FECAL COLIFORM	Other: Sewer Use: (Specify pkg:)	Other: Water Characterization Pkg (General ☐ Extended ☐)	SPLP (Specify tests: ☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN)	TCLP (Specify tests: ☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.)	COMMENTS:
1	12847RR39	05/23/24	12:35	10	GW	N												X								
2	QA/QC	↓	12:55	1	GW	N														X	X					
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

Observations/Comments/Special Instructions

Sampled By (NAME): K. Yonemitsu
Signature:
Date: 5, 23, 24 (mm/dd/yy)

Relinquished by (NAME): K. Yonemitsu
Signature:
Date: 5, 23, 24 (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023