



Your Project #: 26-0082, TASK 11
Site Location: THORNBURY WWTP
Your C.O.C. #: N/A

Attention: Bailey Bedard

Groundwater Environmental Management Services Inc.
150 Rivermede Rd
Unit # 9
Concord, ON
CANADA L4K 3M8

Report Date: 2026/07/28
Report #: R8786503
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C689586

Received: 2026/07/23, 16:22

Sample Matrix: Water
Samples Received: 2

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Date Extracted		
Total Suspended Solids	2	2026/07/27	2026/07/28 CAM SOP-00428	SM 24 2540D m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.



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Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Unnati Parmar, Project Manager

Email: unnati.parmar@bureauveritas.com

Phone# (905) 817-5700

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This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		BFMH89	BFMH90			
Sampling Date		2026/07/20 09:00	2026/07/20 09:00			
COC Number		N/A	N/A			
	UNITS	TSS 1	TSS 2	RDL	QC Batch	MDL
Inorganics						
Total Suspended Solids	mg/L	15	35	10	A204439	9.6
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



Bureau Veritas Job #: C689586
Report Date: 2026/07/28

Groundwater Environmental Management Services Inc.
Client Project #: 26-0082, TASK 11
Site Location: THORNBURY WWTP
Sampler Initials: AA

TEST SUMMARY

Bureau Veritas ID: BFMH89
Sample ID: TSS 1
Matrix: Water

Collected: 2026/07/20
Shipped:
Received: 2026/07/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Suspended Solids	BAL	A204439	2026/07/27	2026/07/28	Razieh Tabesh

Bureau Veritas ID: BFMH90
Sample ID: TSS 2
Matrix: Water

Collected: 2026/07/20
Shipped:
Received: 2026/07/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Suspended Solids	BAL	A204439	2026/07/27	2026/07/28	Razieh Tabesh



GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	1.7°C
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Results relate only to the items tested.



QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A204439	RTB	Spiked Blank	Total Suspended Solids	2026/07/28		100	%	80 - 120
A204439	RTB	Method Blank	Total Suspended Solids	2026/07/28	<10		mg/L	
A204439	RTB	RPD	Total Suspended Solids	2026/07/28	0.96		%	20
Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.								
Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.								
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.								



BUREAU
VERITAS

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Site Location: THORNBURY WWTP

Sampler Initials: AA

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Cristina Carriere

Cristina Carriere, Senior Scientific Specialist

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C689586
2026/07/23 16:22



www.BVNA.com

6740 Campbell Road, Mississauga, Ontario L5N 2L8
Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266

CHAIN OF CUSTODY RECORD
ENV COC - 00014v6

Page 1 of 1

Invoice Information				Report Information (if differs from invoice)				Project Information				LAB USE ONLY - PLACE STICKER HERE																																																				
Company : #24874 GEMS				Company: GEMS				Quotation #:																																																								
Contact Name: Accounts Payable				Contact Name: Bailey Bedard				P.O. #/ AFE#:																																																								
Street Address: Unit 9, 150 Rivermede Rd				Street Address: Unit 9, 150 Rivermede Rd				Project #: 26-0082, Task 11																																																								
City: Concord		Prov: ON		Postal Code: L4K3M8		City: Concord		Prov: ON		Postal Code: L4K 3M8		Site #: Thornbury WWTP		Rush Confirmation #:																																																		
Phone: (905) 907-3077				Phone:				Site Location: Ontario																																																								
Email: accounts.payable@gemservicesinc.com				Email: labresults@gemservicesinc.com				Province: Ontario																																																								
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SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS																																																																
Sample Identification (Please print or Type)				Date Sampled		Time (24hr)		Matrix		FIELD FILTERED		FIELD PRESERVED		LAB FILTRATION REQUIRED		# OF CONTAINERS SUBMITTED		HOLD - DO NOT ANALYZE																																														
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1	TSS 1			26	07	20	9	00	SW																																																							
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LAB USE ONLY				LAB USE ONLY				LAB USE ONLY				Temperature reading by:			
Seal present				Seal present				Seal present				Seal present			
Seal intact				Seal intact				Seal intact				Seal intact			
Cooling media present				Cooling media present				Cooling media present				Cooling media present			
Relinquished by: (Signature/ Print)				Received by: (Signature/ Print)				Special instructions							
1 Adnen Anton				2 JSHAN PATEL				2026 07 23 16 22				on file			
2				2											



TSS2: 35 mg/L

