



Your C.O.C. #: 749016-01-01

Attention: Shelley Cherry

LUND WATERWORKS DISTRICT
PO Box 113
Lund, BC
CANADA V0N 2G0

Report Date: 2025/03/31

Report #: R3641345

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C526622

Received: 2025/03/28, 11:46

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Trihalomethanes Calculation	2	N/A	2025/03/31	BBY WI-00033	Auto Calc
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/03/30	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCM0E BCLM Jul2017 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:
Aldean Alicando, Customer Solutions Representative
Email: Aldean.ALICANDO@bureauveritas.com
Phone# (604)734-7276 Ext:7062605

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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 Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.



TRIHALOMETHANES (THM) IN WATER

Bureau Veritas ID		DHD638	DHD639		
Sampling Date		2025/03/26 11:32	2025/03/26 11:55		
COC Number		749016-01-01	749016-01-01		
	UNITS	SMALL CRAFT HOBOUR	FINN BAY A,B,C	RDL	QC Batch
Volatiles					
Total Trihalomethanes	ug/L	290	280	1.0	B736129
Bromodichloromethane	ug/L	5.1	4.9	1.0	B736249
Bromoform	ug/L	<1.0	<1.0	1.0	B736249
Dibromochloromethane	ug/L	<1.0	<1.0	1.0	B736249
Chloroform	ug/L	280	270	1.0	B736249
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	97	98		B736249
4-Bromofluorobenzene (sur.)	%	106	84		B736249
D4-1,2-Dichloroethane (sur.)	%	102	102		B736249
RDL = Reportable Detection Limit					



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VERITAS

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GENERAL COMMENTS

Results relate only to the items tested.



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QUALITY ASSURANCE REPORT

LUND WATERWORKS DISTRICT

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
B736249	1,4-Difluorobenzene (sur.)	2025/03/30	99	50 - 140	96	50 - 140	100	%		
B736249	4-Bromofluorobenzene (sur.)	2025/03/30	100	50 - 140	93	50 - 140	89	%		
B736249	D4-1,2-Dichloroethane (sur.)	2025/03/30	94	50 - 140	96	50 - 140	104	%		
B736249	Bromodichloromethane	2025/03/30	94	50 - 140	105	60 - 130	<1.0	ug/L	12	30
B736249	Bromoform	2025/03/30	98	50 - 140	89	60 - 130	<1.0	ug/L	NC	30
B736249	Chloroform	2025/03/30	NC	50 - 140	104	60 - 130	<1.0	ug/L	1.4	30
B736249	Dibromochloromethane	2025/03/30	95	50 - 140	93	60 - 130	<1.0	ug/L	NC	30

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

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

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.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).



VALIDATION SIGNATURE PAGE

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

David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Bureau Veritas Certified by David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

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 Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.

C526622
2025/03/28 11:46

Bureau Veritas
4606 Canada Way, Burnaby, British Columbia Canada V5G 1K5 Tel:(604) 734 7276 Toll-free:800-563-6266 Fax:(604) 731 2386 www.bvna.com

Chain Of Custody Record

INVOICE TO:		Report Information		Project Information		Laboratory Use Only	
Company Name	#4787 LUND WATERWORKS DISTRICT	Company Name	Lund water District	Quotation #	C31787	Bureau Veritas Job #	Bottle Order #:
Contact Name	Shelley Cherry	Contact Name	Laurie McNeil	P.O. #			
Address	PO Box 113 Lund BC V0N 2G0	Address	PO Box 113 Lund B.C. V0N 2G0	Project #		Chain Of Custody Record	Project Manager
Phone	(604) 414-0230	Phone	604 488 8110	Site #			
Email	lundwaterdistrict@gmail.com	Fax	(604) 483-9990	Sampled By		Customer Solutions	

Regulatory Criteria:	Special Instructions	ANALYSIS REQUESTED (PLEASE BE SPECIFIC)	T turnaround Time (TAT) Required:
<input type="checkbox"/> CSR <input type="checkbox"/> CCME <input type="checkbox"/> BC Water Quality <input type="checkbox"/> Other _____			Please provide advance notice for rush projects Regular (Standard) TAT: (will be applied if Rush TAT is not specified): <input type="checkbox"/> Standard TAT = 6-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details. Job Specific Rush TAT (if applies to entire submission) 1 DAY <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> Date Required: _____ <input type="checkbox"/> Rush Confirmation Number: _____ (call lab for #)

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS						Metals Field Filtered? (Y/N)	THM
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix			
1	Lundwater District Smalcraft Harbour	2025/03/26	11:32	Water N	X		
2	Lundwater District Finn Bay A, B, C	2025/03/26	11:55	Water N	X		
3							
4							
5							
6							
7							
8							
9							
10							



MVAN-2025-03-1933

RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# Jars used and not submitted	Lab Use Only
<i>[Signature]</i>	2025/03/26	1:10	<i>[Signature]</i> DICKSON WONG	25/03/28	11:46		Time Sensitive <input type="checkbox"/> Temperature (°C) on Receipt 10.12.11 Custody Seal, Intact or Cooler? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No White: Bureau Veritas Yellow: Client

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/DOC-TERMS-AND-CONDITIONS.
 * IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.
 ece Pack: Frozen.