Unit# 288, 2880 45 Ave S.E.
Calgary, AB, T2B 3M1
Phone (403) 297-0868
Fax: (403) 297-0869

KaizenLAB

ANALYTICAL REPORT

Client: Town of Cochrane
101 Ranchehouse Rd
Cochrane, AB, T4C 2K8

Attention: Richard Gaida

KaizenLAB JOB #:	**349989**
DATE RECEIVED:	04-Feb-2026
DATE REPORTED:	19-Feb-2026
PROJECT ID:	Winter Samples
LOCATION:	Gleneagles

KaizenLAB Sample #: 349989_001 **Sample ID:** Gleneagles
Date Sampled: 9:00 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Routine Water Potability Analysis (Potability pkg #2)				
Electrical Conductivity (EC) at 25°C	uS/cm	361		
pH		7.6	7.0-10.5 (AO)	Acceptable
True Colour	TCU	<4	15 (AO)	Acceptable
Turbidity	NTU	<0.10	0.1 (MAC) see notes	See notes
Potability Package Calculations				
Ion Balance (calculated)	%	100.00		
Total Dissolved Solids (calculated)	mg/L	207	500 (AO)	Acceptable
Alkalinity Parameters of Water				
Alkalinity (phenolphthalein, as CaCO3) [1]	mg/L	<2.0		
Alkalinity (total, as CaCO3)	mg/L	136.7		
Bicarbonate (as HCO3) [1]	mg/L	166.7		
Carbonate (as CO3) [1]	mg/L	<1.5		
Hydroxide (as OH) [1]	mg/L	<0.5		
Anions in Water by IC				
Bromide	mg/L	<0.10		
Chloride	mg/L	5.53	250 (AO)	Acceptable
Fluoride	mg/L	0.17	1.5 (MAC)	Pass
Nitrate-N	mg/L	0.204	10 (MAC)	Pass
Nitrite-N	mg/L	<0.005	1 (MAC)	Pass
Nitrite-N + Nitrate-N	mg/L	0.204		
Phosphate	mg/L	<0.10		
Sulphate	mg/L	48.42	500 (AO)	Acceptable

*CDWQG = Canadian Drinking Water Quality Guidelines, Health Canada 2024: MAC = Maximum Acceptable Concentration (affects health), AO = Aesthetic Objective (does not affect health but affects color, taste, etc.), OG = Operational Guidance

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KaizenLAB Sample #: 349989_001 **Sample ID:** Gleneagles

Date Sampled: 9:00 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Cations in Water by ICP-OES				
Dissolved Calcium	mg/L	50.5		
Dissolved Iron[1]	mg/L	<0.05	0.3 (AO)	Acceptable
Dissolved Magnesium	mg/L	15.0		
Dissolved Manganese[1]	mg/L	<0.05		
Dissolved Potassium	mg/L	0.7		
Dissolved Sodium	mg/L	3.4	200 (AO)	Acceptable
Hardness (calculated, as CaCO3)	mg/L	187.7		
Sodium Adsorption Ratio (calculated)		0.11		
Total Metals for Drinking Water				
Total Mercury	ug/L	<0.001	1 (MAC)	Pass
Total Metals in Water by ICP-MS				
Total Aluminum	mg/L	0.093	2.9 (MAC)see notes	See notes
Total Antimony	mg/L	<0.0006	0.006 (MAC)	Pass
Total Arsenic	mg/L	0.00014	0.010 (MAC)	Pass
Total Barium	mg/L	0.038	2.0 (MAC)	Pass
Total Boron	mg/L	<0.03	5 (MAC)	Pass
Total Cadmium	mg/L	<0.00004	0.007 (MAC)	Pass
Total Chromium	mg/L	<0.0008	0.05 (MAC)	Pass
Total Copper	mg/L	0.0009	2.0 (MAC)	Pass
Total Iron	mg/L	<0.02	0.3 (AO)	Acceptable
Total Lead	mg/L	<0.0003	0.005 (MAC)	Pass
Total Manganese	mg/L	<0.005	0.12 (MAC)/ 0.02 (AO)	Pass
Total Selenium	mg/L	0.0006	0.05 (MAC)	Pass
Total Silver	mg/L	<0.00007		
Total Strontium	mg/L	0.200	7.000 (MAC)	Pass
Total Uranium	mg/L	0.00050	0.02 (MAC)	Pass
Total Zinc	mg/L	<0.006	5.0 (AO)	Acceptable

*CDWQG = Canadian Drinking Water Quality Guidelines, Health Canada 2024: MAC = Maximum Acceptable Concentration (affects health), AO = Aesthetic Objective (does not affect health but affects color, taste, etc.), OG = Operational Guidance

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KaizenLAB

KaizenLAB Sample #: 349989_001 **Sample ID:** Gleneagles

Date Sampled: 9:00 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Ammonia in water				
Ammonia-N	mg/L	<0.05		
Cyanide, Total	mg/L	<0.003	0.2 (MAC)	Pass
Glyphosate	mg/L	<0.020	0.28 (MAC)	Pass
Nitrilotriacetic Acid (NTA)	mg/L	<0.4	0.4 (MAC)	Pass
Sulphide	mg/L	<0.010	0.05 (AO)	Acceptable
Total Microcystins	mg/L	<0.00015		
Total Organic Carbon	mg/L	<0.50		
Oxyhalides in Water by IC				
Bromate	mg/L	<0.005	0.01 (MAC)	Pass
Chlorate	mg/L	0.11	1 (MAC)	Pass
Chlorite	mg/L	<0.05	1 (MAC)	Pass
Herbicides in Water				
2,4-D	mg/L	<0.002	0.1 (MAC)	Pass
Bromoxynil	mg/L	<0.002	0.030 (MAC)	Pass
Dicamba	mg/L	<0.002	0.11 (MAC)	Pass
MCPA	mg/L	<0.002	0.35 (MAC)	Pass
Base/Neutral and Acid Extractable Organic Compounds in Water				
2,4,6-Trichlorophenol	mg/L	<0.002	0.005 (MAC)	Pass
Atrazine + Metabolites	mg/L	<0.001	0.005 (MAC)	Pass
Benzo(a)Pyrene	mg/L	<0.000005	0.00004 (MAC)	Pass
Chlorpyrifos	mg/L	<0.002	0.09 (MAC)	Pass
Cyanazine	mg/L	<0.002		
Dimethoate	mg/L	<0.002	0.02 (MAC)	Pass
Malathion	mg/L	<0.002	0.29 (MAC)	Pass
Methoxychlor	mg/L	<0.002		
Metribuzin	mg/L	<0.002	0.08 (MAC)	Pass
Omethoate	mg/L	<0.002		
Pentachlorophenol	mg/L	<0.002	0.06 (MAC)	Pass
Volatile Organic Compounds in Water				
1,2-Dichloroethane	mg/L	<0.002	0.005 (MAC)	Pass
1,4-Dichlorobenzene	mg/L	<0.0005	0.005 (MAC)	Pass
1,4-Dioxane	mg/L	<0.040		

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KaizenLAB Sample #: 349989_001 **Sample ID:** Gleneagles

Date Sampled: 9:00 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Benzene	mg/L	<0.001	0.005 (MAC)	Pass
Carbon Tetrachloride	mg/L	<0.0005	0.002 (MAC)	Pass
Dichloromethane	mg/L	<0.002	0.05 (MAC)	Pass
Ethylbenzene	mg/L	<0.001	0.14 (MAC)	Pass
m,p-Xylenes	mg/L	<0.002		
MTBE	mg/L	<0.004	0.015 (AO)	Acceptable
o-Xylenes	mg/L	<0.001		
Tetrachloroethene	mg/L	<0.001	0.01 (MAC)	Pass
Toluene	mg/L	<0.0005	0.06 (MAC)	Pass
Total Xylenes	mg/L	<0.003	0.090 (MAC)	Pass
Trichloroethene	mg/L	<0.00030	0.005 (MAC)	Pass
Vinyl Chloride	mg/L	<0.001	0.002 (MAC)	Pass

Notes:

- Aluminum: This Operational Guideline applies only to drinking water treatment plants using aluminum-based coagulants: conventional systems - 0.1 mg/L, other systems - 0.2 mg/L
- Turbidity: Based on slow sand or diatomaceous earth filtration (1.0 NTU) / membrane filtration (0.1 NTU) / conventional treatment (0.3 NTU). No limits apply for well water not under the influence of surface water. Refer to the Guidelines for Canadian Drinking Water Quality found on the Government of Canada website for current information.

*CDWQG = Canadian Drinking Water Quality Guidelines, Health Canada 2024: MAC = Maximum Acceptable Concentration (affects health), AO = Aesthetic Objective (does not affect health but affects color, taste, etc.), OG = Operational Guidance

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Test Methodologies

Alkalinity in Water: Modified from SM 2320 B
Ammonia in Water: Modified from SM 4500-NH3 F
Anions in Water: Modified from SM 4110 B
Base/Neutral and Acid Extractable Organic Compounds in Water: Modified from EPA 3510C, EPA 8151A, and EPA 8270E
Cations in Water by ICP-OES: Modified from SM 3030 B and SM 3120 B
Cyanide, Total, in Water: Modified from ISO 14403:2012(E) and Skalar Analytical B.V., Catnr I295-004w/r issue 010421/99368551
Electrical Conductivity in Water: Modified from SM 2510 B and CCME Guidance Manual Volume 4, 2016
Glyphosate in Water: Modified from Journal of Chromatography A, 886 (2000) 207-216
Herbicides in Water: Modified from EPA 1653, EPA 8151A, EPA 8270E, and Supelco Application Note 100
Microcystin in Water: Modified from Microcystin-ADDA ELISA (Microtiter Plate) Instructional Booklet, Abraxis Inc.
Nitrilotriacetic Acid in Water: Modified from Journal of Chromatography A, 690 (1995) 109-118
Oxyhalides in Water: Modified from SM 4110 D and EPA 317.0
pH of Water: Modified from SM 4500-H+ B
Sulphide in Water: Modified from SM 4500-S2 D and C, and HACH Method 8131
Total Dissolved Solids and Ion Sums/Ratios (calculation): Modified from SM 1030 E
Total Mercury in Water: Modified from EPA 1631 Revision E
Total Metals in Water by ICP-MS: Modified from EPA 200.2 and SM 3125 B
Total/Dissolved Organic Carbon in Water: Modified from SM 5310 B
True Colour in Water: Modified from SM 2120 C
Turbidity in Water: Modified from SM 2130 B
Volatile Organic Compounds in Water: Modified from EPA 8260D and EPA 5030C

Final Review by:

Bansari Shah
Client Services Administrator

Note: The results in this report relate only to the items tested and as received. Information is available for any items in 7.8.2.1 of ISO/IEC 17025:2017 that cannot be put on a test report. The report shall not be reproduced except in full without written approval of KaizenLAB. The validity of results may be affected if the information is provided by the customer.
Test methodologies are accredited in accordance with ISO/IEC 17025 via CALA, unless otherwise specified in the description of the methods .
[1]This analyte is not accredited, even though analyzed by an accredited methodology.

Pass/Acceptable: The measurement result conforms with the specification limit when the measurement uncertainty is taken into account.
Pass/Acceptable:** It is not possible to state conformance using a 95 % coverage probability for the expanded uncertainty although the measurement result is below the limit.
Fail/Unacceptable: The measurement result does not conform with the specification limit when the measurement uncertainty is taken into account.

The statement of conformity is based on a 95% coverage probability for the expanded uncertainty. The test results and the statement of conformance with specification in this report relate only to the test sample as analysed/tested and not to the sample/item from which the test sample was drawn.

CERTIFICATE OF ANALYSIS

REPORTED TO	Kaizen Lab Unit 288 2880 45 Ave SE Calgary, AB T2B 3M1		
ATTENTION	General Reporting	**WORK ORDER**	26B0769
PO NUMBER	126787	**RECEIVED / TEMP**	2026-02-06 08:43 / 8.8°C
PROJECT	!MASTER PROJECT - Water Analysis	**REPORTED**	2026-02-11 15:29
PROJECT INFO	349989_SUB1	**COC NUMBER**	No Number

Introduction:

CARO Analytical Services is a testing laboratory full of smart, engaged scientists driven to make the world a safer and healthier place. Through our clients' projects we become an essential element for a better world. We employ methods conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts. CARO is accredited by the Canadian Association for Laboratories Accreditation (CALA) to ISO/IEC 17025:2017 for specific tests listed in the scope of accreditation approved by CALA.

Big Picture Sidekicks

You know that the sample you collected after snowshoeing to site, digging 5 meters, and racing to get it on a plane so you can submit it to the lab for time sensitive results needed to make important and expensive decisions (whew) is VERY important. We know that too.

We've Got Chemistry

It's simple. We figure the more you enjoy working with our fun and engaged team members; the more likely you are to give us continued opportunities to support you.

Ahead of the Curve

Through research, regulation knowledge, and instrumentation, we are your analytical centre for the technical knowledge you need, BEFORE you need it, so you can stay up to date and in the know.

By engaging our services, you are agreeing to CARO Analytical Service's Standard Terms and Conditions outlined here: https://www.caro.ca/terms-conditions

If you have any questions or concerns, please contact me at djose@caro.ca

Authorized By:

Dona Anna Jose
Junior Account Manager

CARO ANALYTICAL SERVICES

TEST RESULTS

REPORTED TO	Kaizen Lab	**WORK ORDER**	26B0769
PROJECT	!MASTER PROJECT - Water Analysis	**REPORTED**	2026-02-11 15:29

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
Gleneagles (349989) (26B0769-01) | Matrix: Water | Sampled: 2026-02-04 09:00						
Calculated Parameters						
Chloramines	**0.0500**	MAC = 3	0.0200	mg/L	N/A	
General Parameters						
Chlorine, Total	**0.74**	None Required	0.02	mg/L	2026-02-06	HT2
Chlorine, Free	**0.69**	N/A	0.02	mg/L	2026-02-06	HT2

Sample Qualifiers:

HT2 The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.

APPENDIX 1: SUPPORTING INFORMATION

REPORTED TO	Kaizen Lab	**WORK ORDER**	26B0769
PROJECT	!MASTER PROJECT - Water Analysis	**REPORTED**	2026-02-11 15:29

Analysis Description	Method Ref.	Technique	Accredited	Location
Chlorine, Free in Water	SM 4500-Cl G (2021)	Colorimetry (DPD)	✓	Kelowna
Chlorine, Total in Water	SM 4500-Cl G (2021)	Colorimetry (DPD)	✓	Kelowna

Glossary of Terms:

RL	Reporting Limit (default)
MAC	Maximum Acceptable Concentration (health based)
mg/L	Milligrams per litre
SM	Standard Methods for the Examination of Water and Wastewater, American Public Health Association

Guidelines Referenced in this Report:

Guidelines for Canadian Drinking Water Quality (Health Canada)

Note: In some cases, the values displayed on the report represent the lowest guideline and are to be verified by the end user

General Comments:

The results in this report apply to samples received by CARO and analyzed in accordance with the Chain of Custody document. This analytical report must be reproduced in its entirety and must not be modified. CARO is not responsible for losses or damages resulting directly or indirectly from errors or omissions in the conduct of the testing. Any liability is limited to the cost of analysis. CARO will dispose of all samples within 30 days of sample receipt, unless otherwise agreed.

Results in **Bold** indicate values that are above CARO's method reporting limits. Results in **red** indicate values above the regulatory limits where these have been included. Any Bold and/or highlighted results do not take into account method uncertainty. If you would like method uncertainty or regulatory limits to be included on your report, please contact your Account Manager: djose@caro.ca

Regulatory limits are added to test reports on request and are as a convenience only. While CARO makes every effort to ensure accuracy of regulatory limits, CARO assumes no liability for the use of this information. It remains the client's responsibility to ensure that regulatory limits are correct for their circumstances.

APPENDIX 2: QUALITY CONTROL RESULTS

REPORTED TO	Kaizen Lab	**WORK ORDER**	26B0769
PROJECT	!MASTER PROJECT - Water Analysis	**REPORTED**	2026-02-11 15:29

The following section displays the quality control (QC) data that is associated with your sample data. Groups of samples are prepared in "batches" and analyzed in conjunction with QC samples that ensure your data is of the highest quality. Common QC types include:

- **Method Blank (Blk)**: A blank sample that undergoes sample processing identical to that carried out for the test samples. Method blank results are used to assess contamination from the laboratory environment and reagents.
- **Duplicate (Dup)**: An additional or second portion of a randomly selected sample in the analytical run carried through the entire analytical process. Duplicates provide a measure of the analytical method's precision (reproducibility).
- **Blank Spike (BS)**: A sample of known concentration which undergoes processing identical to that carried out for test samples, also referred to as a laboratory control sample (LCS). Blank spikes provide a measure of the analytical method's accuracy.
- **Matrix Spike (MS)**: A second aliquot of sample is fortified with a known concentration of target analytes and carried through the entire analytical process. Matrix spikes evaluate potential matrix effects that may affect the analyte recovery.
- **Reference Material (SRM)**: A homogenous material of similar matrix to the samples, certified for the parameter(s) listed. Reference Materials ensure that the analytical process is adequate to achieve acceptable recoveries of the parameter(s) tested.

Each QC type is analyzed at a 5-10% frequency, i.e. one blank/duplicate/spike for every 10-20 samples. For all types of QC, the specified recovery (% Rec) and relative percent difference (RPD) limits are derived from long-term method performance averages and/or prescribed by the reference method.

Analyte	Result	RL	Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
General Parameters, Batch B6B2196										
Blank (B6B2196-BLK1)				Prepared: 2026-02-06, Analyzed: 2026-02-06						
Chlorine, Total	< 0.02	0.02	mg/L							
Chlorine, Free	< 0.02	0.02	mg/L							
Reference (B6B2196-SRM1)				Prepared: 2026-02-06, Analyzed: 2026-02-06						
Chlorine, Total	0.94	0.02	mg/L	0.930		101	89-111			
Chlorine, Free	0.94	0.02	mg/L	0.930		101	89-111			

CERTIFICATE OF ANALYSIS

Work Order	:	**CG2601373**		
Client	:	**KaizenLAB Inc.**	Laboratory	: ALS Environmental - Calgary
Contact	:	Client Services	Account Manager	: Patryk Wojciak
Address	:	Unit # 288, 2880 45 Ave SE Calgary Alberta Canada T2B 3M1	Address	: 2559 29th Street NE Calgary AB Canada T1Y 7B5
Telephone	:	403 297 0411	E-mail	: [redacted]
Project	:	349989_SUB1	Telephone	:
PO	:	126789	Date Samples Received	: 05-Feb-2026 10:17
C-O-C number	:	----	Date Analysis Commenced	: 11-Feb-2026
Sampler	:	----	Issue Date	: 13-Feb-2026 16:08
Site	:	----		
Quote number	:	Prairies General Pricing 2025		
No. of samples received	:	1		
No. of samples analysed	:	1		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Catherine DeMone	Laboratory Analyst	LCMS, Waterloo, Ontario

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key: CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.
LOR: Limit of Reporting (detection limit).

Unit	*Description*
µg/L	micrograms per litre

<: less than.
>: greater than.
Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

					Client sample ID	Gleneagles (349989) ----	----	----	----	----
					Client sampling date / time	04-Feb-2026 09:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		CG2601373-001	----	----	----	----
						Result	----	----	----	----
Nitrosamines										
Nitrosodimethylamine, N- [NDMA]	62-75-9	E725A/WT	0.034	µg/L		<0.034	----	----	----	----
Nitrosamines Surrogates										
Nitrosodimethylamine-d6, N-	17829-05-9	E725A/WT	0.10	%		106	----	----	----	----

Please refer to the General Comments section for an explanation of any qualifiers detected.

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QUALITY CONTROL INTERPRETIVE REPORT

Work Order	:**CG2601373**	Page	: 1 of 5
Client	:**KaizenLAB Inc.**	Laboratory	: ALS Environmental - Calgary
Contact	:Client Services	Account Manager	: Patryk Wojciak
Address	:Unit # 288, 2880 45 Ave SE Calgary AB Canada T2B 3M1	Address	:2559 29th Street NE Calgary, Alberta Canada T1Y 7B5
Telephone	:403 297 0411	Telephone	: [redacted]
Project	:349989_SUB1	Date Samples Received	: 05-Feb-2026 10:17
PO	: 126789	Issue Date	: 13-Feb-2026 16:08
C-O-C number	:----		
Sampler	:----		
Site	:----		
Quote number	:Prairies General Pricing 2025		
No. of samples received	:1		
No. of samples analysed	:1		

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO: Data Quality Objective.

LOR: Limit of Reporting (detection limit).

RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- No Quality Control Sample Frequency Outliers occur.

Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Water**

Evaluation: × = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client Sample ID(s)	*Method*	*Sampling Date*	*Extraction / Preparation*				*Analysis*			
			Preparation Date	*Holding Times* Rec	*Holding Times* Actual	*Eval*	*Analysis Date*	*Holding Times* Rec	*Holding Times* Actual	*Eval*
Nitrosamines : Nitrosamines by LC-MS-MS by Direct Injection (Routine Levels)										
Amber glass/Teflon lined septa cap (sodium thiosulfate)										
Gleneagles (349989)	E725A	04-Feb-2026	11-Feb-2026	28 days	7 days	✓	11-Feb-2026	28 days	0 days	✓

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).

Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Water**

Evaluation: × = *QC frequency outside specification*; ✓ = *QC frequency within specification.*

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	*Method*	*QC Lot #*	*QC*	*Regular*	*Actual*	*Expected*	*Evaluation*
Laboratory Duplicates (DUP)							
Nitrosamines by LC-MS-MS by Direct Injection (Routine Levels)	E725A	2449864	1	10	10.0	5.0	✓
Laboratory Control Samples (LCS)							
Nitrosamines by LC-MS-MS by Direct Injection (Routine Levels)	E725A	2449864	1	10	10.0	5.0	✓
Method Blanks (MB)							
Nitrosamines by LC-MS-MS by Direct Injection (Routine Levels)	E725A	2449864	1	10	10.0	5.0	✓
Matrix Spikes (MS)							
Nitrosamines by LC-MS-MS by Direct Injection (Routine Levels)	E725A	2449864	1	10	10.0	5.0	✓

Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Nitrosamines by LC-MS-MS by Direct Injection (Routine Levels)	E725A ALS Environmental - Waterloo	Water	ON MECP E3388	An aliquot of sample is injected directly using liquid chromatgraphy tandem mass spectrometry.

Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Preparation of Nitrosamines for Direct Injection LC-MS-MS	EP725A ALS Environmental - Waterloo	Water	QWI-ORG/WP239	Preparation of Nitrosamines in Water for Direct Injection LC-MS-MS

ALS Canada Ltd.

right solutions.
right partner.

QUALITY CONTROL REPORT

Work Order	:	**CG2601373**			
Client	:	KaizenLAB Inc.	Laboratory	:	ALS Environmental - Calgary
Contact	:	Client Services	Account Manager	:	Patryk Wojciak
Address	:	Unit # 288, 2880 45 Ave SE Calgary AB Canada T2B 3M1	Address	:	2559 29th Street NE Calgar AB Canada T1Y 7B5
Telephone	:	403 297 0411	Telephone	:	[redacted]
Project	:	349989_SUB1	Date Samples Received	:	05-Feb-2026 10:17
PO	:	126789	Date Analysis Commenced	:	11-Feb-2026
C-O-C number	:	----	Issue Date	:	13-Feb-2026 16:08
Sampler	:	----			
Site	:	----			
Quote number	:	Prairies General Pricing 2025			
No. of samples received	:	1			
No. of samples analysed	:	1			

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Catherine DeMone	Laboratory Analyst	Waterloo LCMS, Waterloo, Ontario

General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key:
Anonymous=Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number=Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
DQO=Data Quality Objective.
LOR=Limit of Reporting (detection limit).
RPD=Relative Percent Difference
# =Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test specific).

Sub-Matrix: Water

Laboratory Duplicate (DUP) Report											
Laboratory sample ID	*Client sample ID*	*Analyte*	*CAS Number*	*Method*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD(%) or Difference*	*Duplicate Limits*	*Qualifier*
Nitrosamines(QC Lot: 2449864)											
CG2601282-001	Anonymous	Nitrosodimethylamine, N- [NDMA]	62-75-9	E725A	0.034	µg/L	<0.034	<0.034	0	Diff <2x LOR	---
Nitrosamines Surrogates(QC Lot: 2449864)											
							Duplicate Result	**Target**	**%Rec.**	**Surr. Limits**	
		Nitrosodimethylamine-d6, N-	17829-05-9	E725A	0.10	µg/L	1.17	1.000 µg/L	105	50-150 %	---

Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Water

Analyte	*CAS Number*	*Method*	*LOR*	*Unit*	*Result*	*Qualifier*
Nitrosamines(QC Lot: 2449864)						
Nitrosodimethylamine, N- [NDMA]	62-75-9	E725A	0.034	µg/L	<0.034	----
Nitrosamines Surrogates(QC Lot: 2449864)						
		Result	**Target**	**%Rec.**	**Surr. Limits**	
Nitrosodimethylamine-d6, N-	17829-05-9	E725A	1.30 µg/L	1.000 µg/L	117	50-150 %	----

Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Water

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Nitrosamines(QC Lot: 2449864)									
Nitrosodimethylamine, N- [NDMA]	62-75-9	E725A	0.034	µg/L	0.2778 µg/L	101	50.0	150	----
Nitrosamines Surrogates(QC Lot: 2449864)									
Nitrosodimethylamine-d6, N-	17829-05-9	E725A	0.1	µg/L	1.111 µg/L	117	50	150	----

Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for

Sub-Matrix: Water

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery (%)		Qualifier
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	
Nitrosamines(QC Lot: 2449864)										
CG2601282-001	Anonymous	Nitrosodimethylamine, N- [NDMA]	62-75-9	E725A	0.275 µg/L	0.2778 µg/L	99.0	50.0	150	---
Nitrosamines Surrogates(QC Lot: 2449864)										
		Nitrosodimethylamine-d6, N-	17829-05-9	E725A	1.30 µg/L	1.111 µg/L	117	50.0	150	---

Chain of Custody (COC) / Analytical Request Form

ALS Environmental

www.alsglobal.com

Canada Toll Free: 1 800 668 9878

Affix ALS barcode label here
(lab use only)

COC Number: 15 -

Page of

Report To	Contact and company name below will appear on the final report
Company:	KaizenLAB
Contact:	Client Services
Phone:	403-297-0868
	Company address below will appear on the final report
Street:	Unit #288, 2880 - 45 Avenue SE
City/Province:	Calgary, AB
Postal Code:	T2B 3M1
Invoice To	Same as Report To ☑ YES ☐ NO
	Copy of Invoice with Report ☐ YES ☑ NO
Company:	
Contact:	

Report Format / Distribution

Select Report Format: ☑ PDF ☐ EXCEL ☐ EDD (DIGITAL)
Quality Control (QC) Report with Report ☐ YES ☐ NO
☐ Compare Results to Criteria on Report - provide details below if box checked
Select Distribution: ☐ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax: kaizencsr@kaizenlab.ca
Email 2:
Email 3:

Invoice Distribution

Select Invoice Distribution: ☑ EMAIL ☐ MAIL ☐ FAX
Email 1 or Fax: accounting@kaizenlab.ca
Email 2: kaizencsr@kaizenlab.ca

Select Service Level Below - Please confirm all E&P TATs with your AM - surcharges will apply

Regular [R] ☑ Standard TAT if received by 3 pm - business days - no surcharges apply

PRIORITY (Business Days)		EMERGENCY	
4 day [P4]	☐	1 Business day [E1]	☐
3 day [P3]	☐	Same Day, Weekend or Statutory holiday [E0]	☐
2 day [P2]	☐		

Date and Time Required for all E&P TATs:

For tests that can not be performed according to the service level selected, you will be contacted.

Project Information	
ALS Account # / Quote #:	
Job #:	349989_SUB1
PO / AFE:	126789
LSD:	

Oil and Gas Required Fields (client use)

AFE/Cost Center:	PO#:
Major/Minor Code:	Routing Code:
Requisitioner:	
Location:	

ALS Lab Work Order # (lab use only):
ALS Contact:
Sampler:

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (lab use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NDMA – Health Canada Drinking Water (E725B)	Number of Containers
	Gleneagles (349989)	4-Feb-26	9:00 am	Water	R	2

Environmental Division
Calgary
Work Order Reference
CG2601373

Telephone : +1 403 407 1800

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☐ NO
Are samples for human drinking water use? ☐ YES ☐ NO

Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen ☐ SIF Observations Yes ☐ No ☐
Ice Packs ☐ Ice Cubes ☐ Custody seal intact Yes ☐ No ☐
Cooling Initiated ☐

INITIAL COOLER TEMPERATURES °C			FINAL COOLER TEMPERATURES °C		
13.8					

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
AC	04-Feb-26	Time:	Received by:	Date: 05/02/26	Time: 10:17	Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

OCTOBER 2015 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

SAMPLE RECEIPT FORM / TEST REPORT

FILE #: PR260428

CLIENT: KaizenLAB
#288, 2880 – 45th Ave SE
Calgary, AB
T2B 3M1

Phone: (403) 297-0699
Email: kaizencsr@kaizenlab.ca

RECEIVED BY: R. Jonker
CONDITION: Okay, 12°C

DATE/TIME: February 9, 2026 (4:00 p.m.)

# of Containers	Sample Type	Sample (Client Codes)	Lab Codes	Test Requested
		Job 349989		
1	Water	Gleneagles (349989)	PR260428	PFAS

STORAGE: Stored at 4°C.

ANALYTES: LC-MS/MS analysis for perfluorinated and polyfluorinated alkyl substances (PFAS).

SPECIAL INSTRUCTIONS: None.

METHODOLOGY

Reference Method: PFAS: SOP LAB16 EPA 1633

Data summarized in Data Report attached.

Report sent to: Client Services Date: February 27, 2026

Comments: Results relate only to samples as received.

Kjell Hope, MSc., Lab Manager

DATA REPORT

Client:	KaizenLAB	**Date Extracted:**	24-Feb-26
Contact:	Client Services	**Date Analysed:**	25-Feb-26

		Client ID:	**Gleneagles (349989)**			**BLANK**
		PRL ID:	**PR260428**			**FA267015B**
Compound		**DL µg/L**	**µg/L**			**µg/L**
PERFLUOROALKYL ACIDS						
Perfluorobutanoic acid	PFBA	0.001	ND			ND
Perfluoropentanoic acid	PFPeA	0.001	ND			ND
Perfluorohexanoic acid	PFHxA	0.001	ND			ND
Perfluoroheptanoic acid	PFHpA	0.001	ND			ND
Perfluorooctanoic acid	PFOA	0.001	ND			ND
Perfluorononanoic acid	PFNA	0.001	ND			ND
Perfluorodecanoic acid	PFDA	0.001	ND			ND
Perfluoroundecanoic acid	PFUdA	0.001	ND			ND
Perfluorododecanoic acid	PFDoA	0.002	ND			ND
Perfluorotridecanoic acid	PFTrDA	0.002	ND			ND
Perfluorotetradecanoic acid	PFTeDA	0.002	ND			ND
REPLACEMENT PFAS						
Hexafluoropropylene oxide dimer acid	HFPO-DA	0.002	ND			ND
4,8-dioxa-3H-perfluorononanoate	ADONA	0.002	ND			ND
9-chlorohexadecafluoro-3-oxanonane sulfonate	9Cl-PF3ONS	0.002	ND			ND
11-chloroeicosafluoro-3-oxaundecane sulfonate	11Cl-Pf3OUdS	0.002	ND			ND
PERFLUOROALKYL SULFONAMIDES						
N-Methyl PFOS-amidoacetic acid	NMeFOSAA	0.002	ND			ND
N-Ethyl PFOS-amidoacetic acid	NEtFOSAA	0.002	ND			ND
Perfluorooctanesulfonamide	FOSA	0.002	ND			ND
PERFLUOROALKYL SULFONATES						
Perfluorobutanesulfonate	PFBS	0.002	ND			ND
Perfluoropentanesulfonate	PFPeS	0.002	ND			ND
Perfluorohexanesulfonate	PFHxS	0.002	ND			ND
Perfluoroheptanesulfonate	PFHpS	0.002	ND			ND
Perfluorooctanesulfonate	PFOS	0.002	ND			ND
Perfluorononanesulfonate	PFNS	0.002	ND			ND
Perfluorodecanesulfonate	PFDS	0.002	ND			ND
FLUOROTELOMER SULFONATES						
4:2 Fluorotelomer sulfonate	4:2 FtS	0.002	ND			ND
6:2 Fluorotelomer sulfonate	6:2 FtS	0.002	ND			ND
8:2 Fluorotelomer sulfonate	8:2 FtS	0.002	ND			ND

DATA REPORT

Client:	KaizenLAB	**Date Extracted:**	24-Feb-26
Contact:	Client Services	**Date Analysed:**	25-Feb-26

		Client ID:	**Gleneagles (349989)**			**BLANK**
		PRL ID:	**PR260428**			**FA267015B**
Compound		**DL**				
Surrogates (% Recovery)						
^{13}C-Perfluorobutanoic acid	MPFBA		121			122
^{13}C-Perfluoropentanoic acid	MPFPeA		111			108
^{13}C-Perfluorohexanoic acid	MPFHxA		122			122
^{13}C-Perfluoroheptanoic acid	MPFHpA		116			121
^{13}C-Perfluorooctanoic acid	MPFOA		106			122
^{13}C-Perfluorononanoic acid	MPFNoA		123			125
^{13}C-Perfluorodecanoic acid	MPFDA		109			122
^{13}C-Perfluoroundecanoic acid	MPFUdA		87			113
^{13}C-Perfluorododecanoic acid	MPFDoA		78			86
^{13}C-Perfluorotetradecanoic acid	MPFTeDA		78			75
^{13}C-Perfluorobutanesulfonate	MPFBS		121			128
^{13}C-Perfluorohexanesulfonate	MPFHxS		126			123
^{13}C-Perfluorooctanesulfonate	MPFOS		119			122
13C-Hexafluoropropylene oxide	M3HFPODA		119			122
^{13}C-Perfluorooctanesulfonate	D3NMEFOSAA		96			121
^{13}C-Perfluorooctanesulfonate	D5NETFOSAA		92			116
^{13}C-Perfluorooctanesulfonamide	M8FOSA		96			109
^{13}C-4:2 Fluorotelomer sulfonate	M2-4:2FTS		88			100
^{13}C-6:2 Fluorotelomer sulfonate	M2-6:2FTS		99			90
^{13}C-8:2 Fluorotelomer sulfonate	M2-8:2FTS		74			84

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

Pacific Rim Laboratories Inc. #103, 19575 - 55A Avenue, Surrey, BC V3S 8P8 Tel: 604-532-8711 Fax: 604-532-8712

COMP: KaizenLAB
Unit#288 - 2880 45th Ave SE Calgary, AB
T2B3M1

CONTACT: KaizenCSR (kaizencsr@kaizenlab.ca or kaizencsr@gmail.com)

PHONE: *(403) 297-0699*

Date:

SAMPLE ID	PRL ID	DATE SAMPLED	SAMPLE MATRIX	NUMBER OF CONTAINERS	Dioxins and Furans	PCB - dioxin-like (12)	PCB - 209 congener	PAH	NDMA	PFAS (PFOA & PFOS)	Nonylphenol	Date Requested	COMMENTS
Gleneagles (349989)		2026-02-04 9:00	Water	1					X				Proceed even if sample is expired. RE260428

Sampler's Signature	Relinquished by:	Company	Date	Time	Received by:
	AC	KaizenLAB	04-Feb-26	2:17 PM	

Comments:	Method of Shipment	Waybill No.:	Rec'd for PRL:	Date	Time
JOB#349989_SUB1/ PO#126788			RJ	09 Feb 26	4:00pm
Regular TAT	Shipment Condition	Temp.: 12°C	Cooler Opened By:		

Unit# 288, 2880 45 Ave S.E.
Calgary, AB, T2B 3M1
Phone (403) 297-0868
Fax: (403) 297-0869

KaizenLAB

ANALYTICAL REPORT

Client: Town of Cochrane
101 Ranchehouse Rd
Cochrane, AB, T4C 2K8

Attention: Richard Gaida

KaizenLAB JOB #:	**349988**
DATE RECEIVED:	04-Feb-2026
DATE REPORTED:	11-Feb-2026
PROJECT ID:	THM & HAA
LOCATION:	Various

KaizenLAB Sample #: 349988_001 **Sample ID:** WTP
Date Sampled: 8:00 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Trihalomethanes in water				
Bromodichloromethane	mg/L	<0.002		
Bromoform	mg/L	<0.002		
Chloroform	mg/L	0.0037		
Dibromochloromethane	mg/L	<0.002		
Total Trihalomethanes	mg/L	<0.007	0.1 (MAC)	Pass
Bromoacetic Acid	mg/L	<0.004		
Bromochloroacetic Acid	mg/L	<0.004		
Chloroacetic Acid	mg/L	<0.004		
Dibromoacetic Acid	mg/L	<0.004		
Dichloroacetic Acid	mg/L	<0.004		
Trichloroacetic Acid	mg/L	<0.004		
Total Haloacetic Acids	mg/L	<0.024	0.08 (MAC)	Pass

*CDWQG = Canadian Drinking Water Quality Guidelines, Health Canada 2024: MAC = Maximum Acceptable Concentration (affects health), AO = Aesthetic Objective (does not affect health but affects color, taste, etc.), OG = Operational Guidance

Unit# 288, 2880 45 Ave S.E.
Calgary, AB, T2B 3M1
Phone (403) 297-0868
Fax: (403) 297-0869
e-Mail: kaizenlab@kaizenlab.ca

KaizenLAB Sample #: 349988_002 **Sample ID:** Gleneagles
Date Sampled: 8:30 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Trihalomethanes in water				
Bromodichloromethane	mg/L	0.002		
Bromoform	mg/L	<0.002		
Chloroform	mg/L	0.0123		
Dibromochloromethane	mg/L	<0.002		
Total Trihalomethanes	mg/L	0.014	0.1 (MAC)	Pass
Bromoacetic Acid	mg/L	<0.004		
Bromochloroacetic Acid	mg/L	<0.004		
Chloroacetic Acid	mg/L	<0.004		
Dibromoacetic Acid	mg/L	<0.004		
Dichloroacetic Acid	mg/L	0.006		
Trichloroacetic Acid	mg/L	0.004		
Total Haloacetic Acids	mg/L	<0.024	0.08 (MAC)	Pass

KaizenLAB Sample #: 349988_003 **Sample ID:** Sundown
Date Sampled: 9:50 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Trihalomethanes in water				
Bromodichloromethane	mg/L	0.002		
Bromoform	mg/L	<0.002		
Chloroform	mg/L	0.0072		
Dibromochloromethane	mg/L	<0.002		
Total Trihalomethanes	mg/L	0.009	0.1 (MAC)	Pass
Bromoacetic Acid	mg/L	<0.004		
Bromochloroacetic Acid	mg/L	<0.004		
Chloroacetic Acid	mg/L	<0.004		
Dibromoacetic Acid	mg/L	<0.004		
Dichloroacetic Acid	mg/L	<0.004		
Trichloroacetic Acid	mg/L	<0.004		
Total Haloacetic Acids	mg/L	<0.024	0.08 (MAC)	Pass

*CDWQG = Canadian Drinking Water Quality Guidelines, Health Canada 2024: MAC = Maximum Acceptable Concentration (affects health), AO = Aesthetic Objective (does not affect health but affects color, taste, etc.), OG = Operational Guidance

Unit# 288, 2880 45 Ave S.E.
Calgary, AB, T2B 3M1
Phone (403) 297-0868
Fax: (403) 297-0869
e-Mail: kaizenlab@kaizenlab.ca

KaizenLAB Sample #: 349988_004 **Sample ID:** River Heights

Date Sampled: 10:20 4-Feb-2026

Parameter Description	Units	Result	Guideline Limits*	Comment
Trihalomethanes in water				
Bromodichloromethane	mg/L	0.002		
Bromoform	mg/L	<0.002		
Chloroform	mg/L	0.0074		
Dibromochloromethane	mg/L	<0.002		
Total Trihalomethanes	mg/L	0.009	0.1 (MAC)	Pass
Bromoacetic Acid	mg/L	<0.004		
Bromochloroacetic Acid	mg/L	<0.004		
Chloroacetic Acid	mg/L	<0.004		
Dibromoacetic Acid	mg/L	<0.004		
Dichloroacetic Acid	mg/L	<0.004		
Trichloroacetic Acid	mg/L	<0.004		
Total Haloacetic Acids	mg/L	<0.024	0.08 (MAC)	Pass

Test Methodologies

Haloacetic Acids in Water: Modified from EPA 552.3 and Analysis of HAA, UMASS Revision 4

Trihalomethanes in Water: Modified from EPA 8260D, EPA 5030C/EPA 5021A

Final Review by:

Bansari Shah
Client Services Administrator

Note: The results in this report relate only to the items tested and as received. Information is available for any items in 7.8.2.1 of ISO/IEC 17025:2017 that cannot be put on a test report. The report shall not be reproduced except in full without written approval of KaizenLAB. The validity of results may be affected if the information is provided by the customer.
Test methodologies are accredited in accordance with ISO/IEC 17025 via CALA, unless otherwise specified in the description of the methods .
[1]This analyte is not accredited, even though analyzed by an accredited methodology.

Pass/Acceptable: The measurement result conforms with the specification limit when the measurement uncertainty is taken into account.
Pass/Acceptable:** It is not possible to state conformance using a 95 % coverage probability for the expanded uncertainty although the measurement result is below the limit.
Fail/Unacceptable: The measurement result does not conform with the specification limit when the measurement uncertainty is taken into account.

The statement of conformity is based on a 95% coverage probability for the expanded uncertainty. The test results and the statement of conformance with specification in this report relate only to the test sample as analysed/tested and not to the sample/item from which the test sample was drawn.