
CERTIFICATE OF ANALYSIS

Work Order	: WP2601476	Laboratory	: ALS Environmental - Winnipeg
Client	: Town of Niverville	Account Manager	: Riya Gill
Contact	: Andrew Rempel	Address	: 1329 Niakwa Road East, Unit 12
Address	: PO Box 267		: Winnipeg MB Canada R2J 3T4
	: Niverville Manitoba Canada R0A 1E0	E-mail	: riya.gill@alsglobal.com
Telephone	: 204-388-4600 ext 2213	Telephone	: +1 204 255 9720
Project	: ----	Date Samples Received	: 05-Feb-2026 13:30
PO	: ----	Date Analysis Commenced	: 05-Feb-2026
C-O-C number	: ----	Issue Date	: 11-Feb-2026 12:08
Sampler	: ----		
Site	: ----		
Quote number	: 2026 Analytical Testing		
No. of samples received	: 2		
No. of samples analysed	: 2		

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

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.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Lee McTavish		Metals, Winnipeg, Manitoba
Lee McTavish		Inorganics, Winnipeg, Manitoba

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
-	no units
%	percent
% T/cm	% transmittance per centimetre
AU/cm	absorbance units per centimetre
CU	colour units (1 cu = 1 mg/l pt)
meq/L	milliequivalents per litre
mg/L	milligrams per litre
NTU	nephelometric turbidity units
pH units	pH units
µS/cm	microsiemens per centimetre

<: 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.

Work Order : WP2601476
Client : Town of Niverville
Project : ----





Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	Raw	Treated	----	----	----
					Client sampling date / time	05-Feb-2026 11:40	05-Feb-2026 11:40	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	WP2601476-001	WP2601476-002	----	----	----	----
					Result	Result	----	----	----	----
Sample Preparation										
Dissolved carbon filtration location	----	EP358/WP	-	-	lab	lab	----	----	----	----
Physical Tests										
Absorbance, UV (@ 254nm)	----	E404/WP	0.0050	AU/cm	0.0370	0.0180	----	----	----	----
Alkalinity, bicarbonate (as CaCO ₃)	----	E290/WP	1.0	mg/L	282	152	----	----	----	----
Alkalinity, carbonate (as CaCO ₃)	----	E290/WP	1.0	mg/L	<1.0	<1.0	----	----	----	----
Alkalinity, hydroxide (as CaCO ₃)	----	E290/WP	1.0	mg/L	<1.0	<1.0	----	----	----	----
Alkalinity, total (as CaCO ₃)	----	E290/WP	1.0	mg/L	282	152	----	----	----	----
Colour, true	----	E329/WP	5.0	CU	<5.0	<5.0	----	----	----	----
Conductivity	----	E100/WP	2.0	µS/cm	1180	643	----	----	----	----
Hardness (as CaCO ₃), from total Ca/Mg	----	EC100A/WP	0.50	mg/L	170	84.9	----	----	----	----
Langelier index (@ 4°C)	----	EC105A/WP	0.010	-	0.294	-0.068	----	----	----	----
Langelier index (@ 60°C)	----	EC105A/WP	0.010	-	1.05	0.691	----	----	----	----
pH	----	E108/WP	0.10	pH units	8.05	8.19	----	----	----	----
Solids, total dissolved [TDS]	----	E162-L/WP	3.0	mg/L	634	327	----	----	----	----
Turbidity	----	E121/WP	0.10	NTU	2.21	<0.10	----	----	----	----
pH, saturation (@ 4°C)	----	EC105A/WP	0.010	pH units	7.76	8.26	----	----	----	----
Transmittance, UV (@ 254nm)	----	E404/WP	1.0	% T/cm	91.8	95.9	----	----	----	----
pH, saturation (@ 60°C)	----	EC105A/WP	0.010	pH units	7.00	7.50	----	----	----	----
Anions and Nutrients										
Ammonia, total (as N)	7664-41-7	E298/WP	0.0050	mg/L	0.853	<0.0050	----	----	----	----
Bromide	24959-67-9	E235.Br-T/WP	0.010	mg/L	0.207	0.022	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	Raw	Treated	----	----	----
					Client sampling date / time	05-Feb-2026 11:40	05-Feb-2026 11:40	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	WP2601476-001	WP2601476-002	----	----	----	----
					Result	Result	----	----	----	----
Anions and Nutrients										
Chloride	16887-00-6	E235.Cl-L/WP	0.10	mg/L	194	106	----	----	----	----
Fluoride	16984-48-8	E235.F/WP	0.020	mg/L	0.857	0.462	----	----	----	----
Nitrate (as N)	14797-55-8	E235.NO3-L/WP	0.0050	mg/L	<0.0050	0.220	----	----	----	----
Nitrite (as N)	14797-65-0	E235.NO2-L/WP	0.0010	mg/L	0.0010	<0.0010	----	----	----	----
Sulfate (as SO4)	14808-79-8	E235.SO4/WP	0.30	mg/L	34.5	17.8	----	----	----	----
Organic / Inorganic Carbon										
Carbon, dissolved organic [DOC]	----	E358-L/WP	0.50	mg/L	1.75	1.08	----	----	----	----
Carbon, total organic [TOC]	----	E355-L/WP	0.50	mg/L	2.03	1.07	----	----	----	----
Ion Balance										
Anion sum	----	EC101A/WP	0.10	meq/L	11.9	6.44	----	----	----	----
Cation sum (total)	----	EC101A/WP	0.10	meq/L	12.1	6.47	----	----	----	----
Ion balance (cations/anions)	----	EC101A/WP	0.01	%	102	100	----	----	----	----
Ion balance (APHA)	----	EC101A/WP	0.010	%	0.833	0.232	----	----	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/WP	0.0030	mg/L	0.215	0.207	----	----	----	----
Antimony, total	7440-36-0	E420/WP	0.00010	mg/L	Not Detected	Not Detected	----	----	----	----
Arsenic, total	7440-38-2	E420/WP	0.00010	mg/L	0.00401	0.00184	----	----	----	----
Barium, total	7440-39-3	E420/WP	0.00010	mg/L	0.0534	0.0263	----	----	----	----
Beryllium, total	7440-41-7	E420/WP	0.000020	mg/L	0.0000035	0.0000042	----	----	----	----
Bismuth, total	7440-69-9	E420/WP	0.000050	mg/L	Not Detected	Not Detected	----	----	----	----
Boron, total	7440-42-8	E420/WP	0.010	mg/L	0.617	0.594	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	Raw	Treated	----	----	----
					Client sampling date / time	05-Feb-2026 11:40	05-Feb-2026 11:40	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	WP2601476-001	WP2601476-002	----	----	----	----
					Result	Result	----	----	----	----
Total Metals										
Cadmium, total	7440-43-9	E420/WP	0.0000050	mg/L	0.0000011	Not Detected	----	----	----	----
Calcium, total	7440-70-2	E420/WP	0.050	mg/L	34.7	17.5	----	----	----	----
Cesium, total	7440-46-2	E420/WP	0.000010	mg/L	0.0000100	0.0000066	----	----	----	----
Chromium, total	7440-47-3	E420/WP	0.00050	mg/L	0.00017	0.00019	----	----	----	----
Cobalt, total	7440-48-4	E420/WP	0.00010	mg/L	0.00013	0.000042	----	----	----	----
Copper, total	7440-50-8	E420/WP	0.00050	mg/L	0.00341	0.0146	----	----	----	----
Iron, total	7439-89-6	E420/WP	0.010	mg/L	0.411	0.0066	----	----	----	----
Lead, total	7439-92-1	E420/WP	0.000050	mg/L	0.000110	0.000142	----	----	----	----
Lithium, total	7439-93-2	E420/WP	0.0010	mg/L	0.0477	0.0264	----	----	----	----
Magnesium, total	7439-95-4	E420/WP	0.0050	mg/L	20.2	10.0	----	----	----	----
Manganese, total	7439-96-5	E420/WP	0.00010	mg/L	0.00580	0.00200	----	----	----	----
Molybdenum, total	7439-98-7	E420/WP	0.000050	mg/L	0.00392	0.00196	----	----	----	----
Nickel, total	7440-02-0	E420/WP	0.00050	mg/L	0.00047	0.00032	----	----	----	----
Phosphorus, total	7723-14-0	E420/WP	0.050	mg/L	0.030	0.237	----	----	----	----
Potassium, total	7440-09-7	E420/WP	0.050	mg/L	9.98	5.43	----	----	----	----
Rubidium, total	7440-17-7	E420/WP	0.00020	mg/L	0.00505	0.00266	----	----	----	----
Selenium, total	7782-49-2	E420/WP	0.000050	mg/L	0.000032	0.000011	----	----	----	----
Silicon, total	7440-21-3	E420/WP	0.10	mg/L	5.28	2.74	----	----	----	----
Silver, total	7440-22-4	E420/WP	0.000010	mg/L	Not Detected	0.0000014	----	----	----	----
Sodium, total	7440-23-5	E420/WP	0.050	mg/L	192	106	----	----	----	----
Strontium, total	7440-24-6	E420/WP	0.00020	mg/L	0.513	0.258	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Raw	Treated	----	----	----
					Client sampling date / time	05-Feb-2026 11:40	05-Feb-2026 11:40	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	WP2601476-001	WP2601476-002	----	----	----	----
					Result	Result	----	----	----	----
Total Metals										
Sulfur, total	7704-34-9	E420/WP	0.50	mg/L	12.8	6.31	----	----	----	----
Tellurium, total	13494-80-9	E420/WP	0.00020	mg/L	0.000088	0.000041	----	----	----	----
Thallium, total	7440-28-0	E420/WP	0.000010	mg/L	Not Detected	Not Detected	----	----	----	----
Thorium, total	7440-29-1	E420/WP	0.00010	mg/L	0.000011	0.000013	----	----	----	----
Tin, total	7440-31-5	E420/WP	0.00010	mg/L	0.000044	0.000062	----	----	----	----
Titanium, total	7440-32-6	E420/WP	0.00030	mg/L	0.00039	0.00041	----	----	----	----
Tungsten, total	7440-33-7	E420/WP	0.00010	mg/L	Not Detected	Not Detected	----	----	----	----
Uranium, total	7440-61-1	E420/WP	0.000010	mg/L	0.000274	0.000140	----	----	----	----
Vanadium, total	7440-62-2	E420/WP	0.00050	mg/L	0.00023	0.00024	----	----	----	----
Zinc, total	7440-66-6	E420/WP	0.0030	mg/L	0.00062	0.0067	----	----	----	----
Zirconium, total	7440-67-7	E420/WP	0.00020	mg/L	0.000039	0.000079	----	----	----	----

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