



# CALA Scope of Accreditation

**Laboratory Name:** Near North Lab Inc.

**Client ID:** 1002259

**Parent Institution:** H2Lab

**Address:** Unit 11 - 191 Booth Road, North Bay, Ontario, P1A 4K3

**Contact:** Ms. Brenda Marie McLay

**Email:** bmnmlabs@vianet.ca

**Phone:** (705) 497-0550

**Fax:** (705) 497-0549

**Standard:** Conforms with requirements of ISO/IEC 17025:2017

**Clients Served:** All Interested Parties

**Revised On:** 11/19/2025

**Valid To:** 10/16/2027

CALA is committed to [Canada's anti-spam legislation \(CASL\)](https://ised-isde.canada.ca/site/canada-anti-spam-legislation/en). Please note that the email addresses published on this website are provided solely for professional or informational purposes. Any use of these addresses for unsolicited commercial electronic messages or the harvesting of email addresses is strictly prohibited and may be subject to legal action under CASL.

## 003 - pH

**Field of Accreditation:** Environmental

**Matrix:** Water

OSDWA<sup>†</sup>

**Analytical Method:** PH METER

**Preparation Method:**

**Lab Method ID(s):** 3.4.20

Method Reference	Modified From	Analytical Method	Preparation Method
SM 4500-H+	Yes	Yes	No

**Parameter**

pH

## 005 - Total Phosphorus

**Field of Accreditation:** Environmental

**Matrix:** Water

OSDWA<sup>†</sup>

**Analytical Method:** AUTOMATED COLORIMETRIC

**Preparation Method:** DIGESTION

**Lab Method ID(s):** 3.3.7

Method Reference	Modified From	Analytical Method	Preparation Method
SKALAR #1100207 ISSUE 101990/90043720	Yes	Yes	No
SM 4500-P F	Yes	Yes	No

**Parameter**

Total Phosphorus

## 007 - Heterotrophic Plate Count (HPC)

**Field of Accreditation:** Environmental

**Matrix:** Water

OSDWA<sup>†</sup>

**Analytical Method:** MEMBRANE FILTRATION

**Preparation Method:**

**Lab Method ID(s):** 3.2.4

Method Reference	Modified From	Analytical Method	Preparation Method
SM 9215 A	Yes	Yes	No

**Parameter**

Heterotrophic Plate Count (HPC)

## 009 - Turbidity

**Field of Accreditation:** Environmental

**Matrix:** Water

OSDWA<sup>†</sup>

**Analytical Method:** NEPHELOMETRIC

**Preparation Method:**

**Lab Method ID(s):** 3.4.31

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2130 B	Yes	Yes	No

**Parameter**

Turbidity

## 013 - Alkalinity

**Field of Accreditation:** Environmental

**Matrix:** Water

OSDWA<sup>†</sup>

**Analytical Method:** TITRIMETRIC

**Preparation Method:**

**Lab Method ID(s):** 3.4.2

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2320 B	Yes	Yes	No

**Parameter**

Alkalinity (pH 4.5)

**014 - Conductivity**

---

**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** METER**Preparation Method:****Lab Method ID(s):** 3.4.9

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2510 B	Yes	Yes	No

OSDWA<sup>†</sup>**Parameter**

Conductivity (25°C)

**016 - Ammonia**

---

**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** AUTOMATED COLORIMETRIC**Preparation Method:****Lab Method ID(s):** 3.3.1

Method Reference	Modified From	Analytical Method	Preparation Method
SKALAR ISSUE 100491/MH/90043720	Yes	Yes	No
SM 4500-NH3	Yes	Yes	No

OSDWA<sup>†</sup>**Parameter**

Ammonia

**019 - Coliforms**

---

**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** MEMBRANE FILTRATION (DC)**Preparation Method:****Lab Method ID(s):** 3.2.7

Method Reference	Modified From	Analytical Method	Preparation Method
ON MECP E3407	Yes	Yes	No

**Parameter**

Background Counts

Escherichia coli

Total Coliforms

**020 - Biochemical Oxygen Demand (BOD)**

---

**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** DISSOLVED OXYGEN METER (DO)**Preparation Method:****Lab Method ID(s):** 3.4.18

Method Reference	Modified From	Analytical Method	Preparation Method
SM 5210 B	Yes	Yes	No

OSDWA<sup>†</sup>**Parameter**

BOD (5 day)

CBOD (5 day)

**021 - Solids**

---

**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** GRAVIMETRIC**Preparation Method:****Lab Method ID(s):** 3.4.24

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2540 C	Yes	Yes	No
SM 2540 D	Yes	Yes	No

**Parameter**

Total Dissolved Solids

Total Suspended Solids

**022 - Chlorine**

---

**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** COLORIMETRIC**Preparation Method:****Lab Method ID(s):** 3.6.1

Method Reference	Modified From	Analytical Method	Preparation Method
------------------	---------------	-------------------	--------------------

<b>Method Reference</b>	<b>Modified From</b>	<b>Analytical Method</b>	<b>Preparation Method</b>
HANNA INSTRUMENTS H193711	Yes	Yes	No
SM 4500-CL G	Yes	Yes	No
HACH 10069	Yes	Yes	No
HACH 10250 T	Yes	Yes	No
HACH 10070	Yes	Yes	No
HACH 10245 F	Yes	Yes	No

**Parameter**

Free Chlorine

## 023 - Fecal (Thermotolerant) Coliforms

---

**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** MEMBRANE FILTRATION (M-FC)

**Preparation Method:**

**Lab Method ID(s):** 3.2.2

Method Reference	Modified From	Analytical Method	Preparation Method
SM 9222 D	Yes	Yes	No

**Parameter**

Fecal (Thermotolerant) Coliforms

## 027 - Anions

---

**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** ION CHROMATOGRAPHY (IC)

**Preparation Method:**

**Lab Method ID(s):** 3.5.1

Method Reference	Modified From	Analytical Method	Preparation Method
METROHM MIC	Yes	Yes	No
SM 4110	Yes	Yes	No

**Parameter**

Bromide

Chloride

Fluoride

Nitrate

Nitrite

Phosphate

Sulfate

## 031 - Alkalinity

---

**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** AUTOMATED TITRIMETRIC

**Preparation Method:**

**Lab Method ID(s):** 3.4.35

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2320 B	Yes	Yes	No

**Parameter**

Alkalinity (pH 4.5)

## 032 - Conductivity

---

**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** AUTOMATED TITRIMETRIC

**Preparation Method:**

**Lab Method ID(s):** 3.4.35

Method Reference	Modified From	Analytical Method	Preparation Method
SM 2510 B	Yes	Yes	No

**Parameter**

Conductivity (25°C)

## 033 - pH

---

**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** AUTOMATED TITRIMETRIC

**Preparation Method:**

**Lab Method ID(s):** 3.4.35

Method Reference	Modified From	Analytical Method	Preparation Method
SM 4500-H+	Yes	Yes	No

**Parameter**

pH

## 035 - Total Kjeldahl Nitrogen (TKN)

---

**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** COLORIMETRIC

**Preparation Method:**

**Lab Method ID(s):** 3.3.6

Method Reference	Modified From	Analytical Method	Preparation Method
SM 4500-NORG C	No	Yes	No
SM 4500-NORG D	No	Yes	No

**Parameter**

Total Kjeldahl Nitrogen

**036 - Microbiological Examination for Sterility**

---

**Field of Accreditation:** Environmental

**Matrix:** Biological

**Analytical Method:** PRESENCE/ABSENCE (PA BROTH)

**Preparation Method:** STEAM STERILIZATION

**Lab Method ID(s):** 3.8.1

<b>Method Reference</b>	<b>Modified From</b>	<b>Analytical Method</b>	<b>Preparation Method</b>
SM 9020 B	No	Yes	Yes

**Parameter**

Sterilization Efficacy - Spores - Absent

Sterilization Efficacy - Spores - Present

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at <https://directory.cala.ca/> (<https://directory.cala.ca/>)