



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3043
Laboratory Name: CRD Water Laboratory
Parent Institution: Capital Regional District (CRD) Water Department
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: Specified Clients
Revised On: January 11, 2019
Valid To: March 8, 2020

Scope of Accreditation

Water (Inorganic)

Alkalinity - Water (003)
WQ-SOP-CHEM-011-ALKALINITY; modified from SM 2320
TITRIMETRIC
Alkalinity (pH 4.5)

Water (Inorganic)

Conductivity - Water (002)
WQ-SOP-CHEM-004-CONDUCTIVITY; SM 2510
CONDUCTIVITY METER
Conductivity (25°C)

Water (Inorganic)

pH - Water (001)
WQ-SOP-CHEM-012-pH; SM 4500-H+
pH METER
pH

Water (Inorganic)

True Colour - Water (004)
WQ-SOP-CHEM-003-TRUECOLOUR; modified from SM 2120
SPECTROPHOTOMETRIC
True Colour

Water (Inorganic)

Turbidity - Water (005)
WQ-SOP-CHEM-009-TURBIDITY; modified from SM 2130
NEPHELOMETRY
Turbidity

† "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 http://www.cala.ca/cala_directories.html

Water (Microbiology)

Coliforms - Water (006)

WQ-SOP-MICRO-001-CCA; SM 9222

MEMBRANE FILTRATION (CHROMOCULT)

Escherichia coli (E. coli)

Total Coliforms

Water (Microbiology)

Heterotrophic Plate Count (HPC) - Water (009)

WQ-SOP-MICRO-004-HPC; SM 9215 D

MEMBRANE FILTRATION (R2A)

Heterotrophic Plate Count (HPC)

Water (Microbiology)

Phytoplankton Enumeration and Identification - Water (010)

WQ-SOP-AE-ENUM-001; modified from SM 10200 A and SM 10200 B and SM 10200 C and SM 10200 D and SM 10200 E and SM 10200 F

MICROSCOPIC EXAMINATION

Phytoplankton Enumeration

Phytoplankton identification

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