



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3222
Laboratory Name: City Of Guelph Environmental Laboratory
Parent Institution: City of Guelph - Environmental Services Dept., Wastewater Services
Address: 530 Wellington Street W Guelph ON N1H 3K5
Contact: Ms. Amanda Warne
Phone: (519) 822-1260
Fax: (519) 837-1226
Email: amanda.warne@guelph.ca

Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: Internal Clients Only
Revised On: February 27, 2017
Valid To: August 28, 2019

Scope of Accreditation

Solids (Inorganic)

Solids - Biosolids (009)
M8; modified from SM 2540 G
GRAVIMETRIC
Total Solids
Volatile Solids

Water (Inorganic)

Alkalinity - Water (005)
M5; modified from QUICKCHEM METHOD#10-303-31-1A
COLORIMETRIC (FIA)
Alkalinity (pH 4.5)

Water (Inorganic)

Ammonia - Water (002)
M2; modified from SM 4500-NH3 H
COLORIMETRIC (FIA)
Ammonia

Water (Inorganic)

Biochemical Oxygen Demand (BOD) - Water (010)
M11; modified from SM 5210 B
D.O. METER
BOD (5 day)
CBOD (5 day)

† "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 (Inorganic)

Chemical Oxygen Demand (COD) - Water (007)

M7; modified from SM 5220 D

COLORIMETRIC - DIGESTION

COD

Water (Inorganic)

Nitrite and Nitrate plus Nitrite - Water (006)

M6; modified from SM 4500-NO3- I and QUICKCHEM method 10-107-04-1-A

COLORIMETRIC (FIA)

Nitrate plus Nitrite

Nitrite

Water (Inorganic)

pH - Water (004)

M4; modified from SM 4500-H+

pH METER

pH

Water (Inorganic)

Phosphate - Water (011)

M12; modified from SM 4500-P E

COLORIMETRIC

Phosphate

Water (Inorganic)

Solids - Water (001)

M1, M9; modified from SM 2540 B and SM 2540 D and SM 2540 E

GRAVIMETRIC

Total Solids

Total Suspended Solids

Volatile Solids

Volatile Suspended Solids

Water (Inorganic)

Total Kjeldahl Nitrogen (TKN) - Water, Wastewater, Liquid Biosolids (008)

M10; modified from SM 4500-NORG D

BLOCK DIGESTION/FLOW INJECTION ANALYSIS

Total Kjeldahl Nitrogen

Water (Inorganic)

Total Phosphorus - Water (003)

M3; modified from SM 4500-P B and SM 4500-P E and HACH 8190

COLORIMETRIC - DIGESTION

Total Phosphorus

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