



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
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: Internal Clients Only
Revised On: June 5, 2018
Valid To: August 28, 2019

Scope of Accreditation

Solids (Inorganic)

Solids - Solids [Biosolid] (009)
M8; modified from SM 2540 G
GRAVIMETRIC
Total Solids
Volatile Solids

Water (Inorganic)

Alkalinity - Water (005)
M5; modified from LACHAT 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)

Nitrate plus Nitrite and Nitrite - Water (006)
M6; modified from LACHAT 10-107-04-1-A and SM 4500-NO3- I
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 [Liquid Biosolid, Wastewater] (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 HACH 8190 and SM 4500-P B and SM 4500-P E
COLORIMETRIC - DIGESTION
Total Phosphorus

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