Membership Number: 2935  
Laboratory Name: Laboratory Services Division, University of Guelph  
Parent Institution: University of Guelph  
Address: 95 Stone Rd. W. Guelph ON N1H 8J7  
Contact: Ms. Liz King  
Phone: (519) 823-1268  
Fax: (519) 767-6240  
Email: qamail@uoguelph.ca

Standard: Conforms with requirements of ISO/IEC 17025
Clients Served: All Interested Parties
Revised On: August 24, 2017  
Valid To: July 22, 2018

Scope of Accreditation

Biosolids (Microbiology)
Cryptosporidium and Giardia - Biosolids (105)  
MOL-170; modified from GOULDEN EK, 2003, UNIV. OF GUELPH THESIS, DEPT OF FOOD SCIENCE
PCR
Cryptosporidium parvum  
Giardia intestinalis

Solids (Inorganic)
Hydride Metals - Soil/Solid Biosolids (078)
SNL-014; IN-HOUSE
FLAMELESS AAS - DIGESTION
Arsenic
Selenium

Solids (Inorganic)
Mercury - Soil, Solid Biosolids (080)
METALS-002; IN-HOUSE
COLD VAPOUR AA - HOT BLOCK DIGESTION
Mercury

Solids (Inorganic)
Metals - Soil, Biosolids (111)
CHEM-114; modified from EPA 3052 AND 6020 B
ICP/MS
Arsenic
Cadmium
Chromium
Cobalt
Copper

† “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
Lead
Mercury
Molybdenum
Nickel
Selenium
Zinc

Solids (Inorganic)
Metals - Soil, Solid Biosolids (082)
SNL-013; IN-HOUSE
ICP/OES - DIGESTION
Cadmium
Chromium
Cobalt
Copper
Lead
Molybdenum
Nickel
Zinc

Water (Microbiology)
Coliforms - Water (083)
MID-137; modified from MOE E3407
MEMBRANE FILTRATION (DC)
Background Counts
Escherichia coli (E. coli)
Total Coliforms

Water (Microbiology)
Cryptosporidium and Giardia - Water, Wastewater, Liquid Biosolids (093)
MOL-170; modified from GOLDEN EK, 2003, UNIVERSITY OF GUELPH THESIS, DEPARTMENT OF FOOD SCIENCE
PCR
Cryptosporidium parvum
Giardia intestinalis

Water (Microbiology)
Heterotrophic Plate Count (HPC) - Water (084)
MID-142; modified from SM 9215D
MEMBRANE FILTRATION (mHPC)
Heterotrophic Plate Count (HPC)

Water (Microbiology)
Heterotrophic Plate Count (HPC) - Water (086)
MID-143; modified from SM 9215 C
SPREAD PLATE (PCA AGAR)
Heterotrophic Plate Count (HPC)

Water (Organic)
Acidic Herbicides - Water (107)
CHEM-069; IN-HOUSE
LC-ESI-MS/MS - EXTRACTION
2,4-DB
2,4-Dichlorophenoxyacetic acid
2,4-DP
2,4,5-TP
2,4,5-Trichlorophenoxyacetic acid
Acifluorfen
Bentazon

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Bromoxynil
Chloramben
Clopyralid
Dicamba
Dithiopyr
MCPA
MCPB
MCPP
Picloram
Triclopyr

**Water (Organic)**
Glyphosate and AMPA - Water (026)
TOPS-120; IN-HOUSE
HPLC/FL - EXTRACTION
Aminomethylphosphonic acid (AMPA)
Glyphosate

**Water (Organic)**
Pesticides - Water (108)
TOPS-142; IN-HOUSE
LC-ESI-MS/MS - EXTRACTION
Azinphos-methyl
Carbaryl
Carbofuran
Dimethoate
Diuron

**Water (Organic)**
Pesticides - Water (109)
TOPS-142; IN-HOUSE
GC/MS/MS - EXTRACTION
A -BHC
a - Chlordane
Aldrin
Atrazine
Bendiocarb
Chlorpyrifos (ethyl)
Cyanazine
Diazinon
Dieldrin
Endosulfan I
Endosulfan II
Endrin
g - Chlordane
Heptachlor
Lindane (gamma-BHC)
Malathion
Metolachlor
Metribuzin
Mirex
o,p' - DDT
p,p' - DDT
p,p' Methoxychlor
Parathion (ethyl)
Phorate

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