Membership Number: 2935
Laboratory Name: Laboratory Services Division, University of Guelph
Parent Institution: University of Guelph
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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 GOULDEN 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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