Membership Number: 2935
Laboratory Name: Laboratory Services Division, University of Guelph
Parent Institution: University of Guelph
Address: 95 Stone Rd. W. Guelph ON N1G 2Z4
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: December 21, 2017
Valid To: June 20, 2020

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)
Metals - Soil, Biosolids (111)
CHEM-114; IN-HOUSE
ICP/MS
Arsenic
Cadmium
Chromium
Cobalt
Copper
Lead
Mercury
Molybdenum
Nickel
Selenium
Zinc

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

† “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).

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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)**
Acid 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
  - Bromoxynil
  - Chloramben
  - Clopyralid
  - Dicamba
  - Dithiopyr
  - MCPA
  - MCPB
  - MCPP
  - Picloram
  - Triclopyr

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

**Water (Organic)**
Glyphosate and Aminomethylphosphonic acid (AMPA) - Water (110)
TOPS-120; IN-HOUSE
- LC-MS/MS
  - Glyphosate

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<table>
<thead>
<tr>
<th>Water (Organic)</th>
<th>Pesticides - Water (108)</th>
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<tbody>
<tr>
<td>TOPS-142; IN-HOUSE</td>
<td>LC-ESI-MS/MS - EXTRACTION</td>
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<tr>
<td></td>
<td>Azinphos-methyl</td>
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<td>Carbaryl</td>
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<td>Carbofuran</td>
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<td>Dimethoate</td>
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<td>Diuron</td>
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<td>TOPS-142; IN-HOUSE</td>
<td>GC/MS/MS - EXTRACTION</td>
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<td>a - Chlordane</td>
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<td>Aldrin</td>
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<td>Atrazine</td>
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<td>Bendiocarb</td>
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<td>Chloryprifos (ethyl)</td>
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<td>Dieldrin</td>
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<td>Endosulfan II</td>
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<td>Endrin</td>
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<td>g - Chlordane</td>
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<td>Heptachlor</td>
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<td>Lindane (gamma-BHC)</td>
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<td>Malathion</td>
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<td>Metolachlor</td>
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<td>Mirex</td>
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<td>o,p' - DDT</td>
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<td>p,p' - DDT</td>
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<td>p,p' Methoxychlor</td>
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<td>Parathion (ethyl)</td>
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<td>Terbufos</td>
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<td>Trifluralin</td>
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