



**Membership Number:** 2803  
**Laboratory Name:** AquaTox Testing & Consulting Inc.  
**Parent Institution:**  
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**Standard:** Conforms with requirements of ISO/IEC 17025  
**Clients Served:**  
**Revised On:** September 28, 2010  
**Valid To:** September 28, 2013

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#### **Scope of Accreditation**

##### **Solids (Toxicology)**

Chironomids - Sediment (011)  
SOP 391, 271; modified from EPS 1/RM/32  
SURVIVAL AND GROWTH  
Chironomus dilutus (formerly Chironomus tentans)  
Chironomus riparius

##### **Solids (Toxicology)**

Hyalella azteca - Sediment (010)  
SOP 390, 270; modified from EPS 1/RM/33  
SURVIVAL AND GROWTH  
Hyalella azteca

##### **Solids (Toxicology)**

Marine Amphipods - Sediment (015)  
SOP 387; modified from EPS 1/RM/26, EPS 1/RM/35  
ACUTE LETHALITY (SURVIVAL)  
Amphipods

† "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](http://www.cala.ca/cala_directories.html)

**Solids (Toxicology)**

Microtox - Sediment (021)  
SOP 375; modified from EPS 1/RM/42  
BIOLUMINESCENCE  
Microtox Solid Phase IC-50

**Water (Inorganic)**

Ready Biodegradability - Water (027)  
SOP 392; modified from OECD 301 D  
CLOSED BOTTLE TEST  
Percent degradation

**Water (Toxicology)**

Ceriodaphnia dubia - Water (004)  
SOP 250, 322; modified from EPS 1/RM/21  
SURVIVAL AND REPRODUCTION  
Ceriodaphnia dubia

**Water (Toxicology)**

Champia parvula - Water (019)  
SOP 290, SOP 360; modified from EPA 821-R-02-014 METHOD 1009.0  
SEXUAL REPRODUCTION  
Champia parvula

**Water (Toxicology)**

Daphnia magna - Water (002)  
SOP 310, 305, 230; modified from EPS 1/RM/11, EPS 1/RM/14  
ACUTE LETHALITY (SURVIVAL)  
Daphnia LC50 (48 h)  
Daphnia Single Concentration (48h)

**Water (Toxicology)**

Echinoid Fertilization - Water (007)  
SOP 372; modified from EPS 1/RM/27  
FERTILIZATION SUCCESS  
Sea Urchin Fertilization

**Water (Toxicology)**

Fathead Minnow - Water (003)  
SOP 220, 321; modified from EPS 1/RM/22  
GROWTH AND SURVIVAL  
Fathead minnow

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**Water (Toxicology)**

Lemna minor - Water (013)  
SOP 280, 382; modified from EPS 1/RM/37  
GROWTH INHIBITION  
Lemna minor

**Water (Toxicology)**

Microtox - Liquid Phase - Water (006)  
SOP 374; modified from EPS 1/RM/24  
BIOLUMINESCENCE  
Microtox IC50 (15 min)

**Water (Toxicology)**

Pseudokirchneriella subcapitata - Water (014)  
SOP 206, 306; modified from EPS 1/RM/25  
GROWTH INHIBITION  
Pseudokirchneriella subcapitata

**Water (Toxicology)**

Rainbow Trout - Water (001)  
SOP 330, 308, 240; modified from EPS 1/RM/9, EPS 1/RM/13  
ACUTE LETHALITY (SURVIVAL)  
Trout LC50 (96 h)  
Trout Single Concentration (96h)

**Water (Toxicology)**

Rainbow Trout - Water/pH Stabilization (028)  
SOP 330; modified from EPS 1/RM/13, EPS 1/RM/50  
LETHALITY  
Trout LC50 (96h) - pH Stabilization  
Trout Single Concentration (96h) - pH Stabilization

**Water (Toxicology)**

Silverside - Water (009)  
SOP 371; modified from EPA - 821-R-02-014, METHOD 1006.0  
GROWTH AND SURVIVAL  
Silverside

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