



**Membership Number:** 2803  
**Laboratory Name:** AquaTox Testing & Consulting Inc.  
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**Standard:** Conforms with requirements of ISO/IEC 17025  
**Clients Served:**  
**Revised On:** July 6, 2010  
**Valid To:** November 10, 2011

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#### Scope of Accreditation

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

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

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

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

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

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

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

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

† "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).

**Water (Inorganic)**

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

**Water (Toxicology)**

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

**Water (Toxicology)**

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

**Water (Toxicology)**

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

**Water (Toxicology)**

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

**Water (Toxicology)**

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

**Water (Toxicology)**

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

**Water (Toxicology)**

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

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**Water (Toxicology)**

Pseudokirchneriella subcapitata - Water (014)

SOP 206, 306; based on EPS 1/RM/25

GROWTH INHIBITION

Pseudokirchneriella subcapitata

**Water (Toxicology)**

Rainbow Trout - Water (001)

SOP 330, 308, 240; based on EPS 1/RM/9, EPS 1/RM/13

ACUTE LETHALITY (SURVIVAL)

Trout LC50 (96 h)

**Water (Toxicology)**

Salmonid - Water (020)

SOP 381; based on EPS 1/RM/28

EARLY LIFE STAGE

Embryo Survival

**Water (Toxicology)**

Silverside - Water (009)

SOP 371; based on EPA - 821-R-02-014, METHOD 1006.0

GROWTH AND SURVIVAL

Silverside

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