CALA Scope of Accreditation

Laboratory Name: AquaTox Testing & Consulting Inc.

Client ID: 1002803

Parent Institution:

Address: B-11 Nicholas Beaver Road, Puslinch, Ontario, 4

Contact: Ms. Stephanie Folz

Email: sfolz@aquatox.ca

Phone: (519) 763-4412

Fax: (519) 763-4419

Standard: Conforms with requirements of ISO/IEC 17025:2017

Clients Served:

Revised On: 10/14/2022

Valid To: 12/26/2024

001 - Rainbow Trout

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: ACUTE LETHALITY (SURVIVAL)

Preparation Method:

Lab Method ID(s): SOP 240, SOP 308, SOP 330

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/13	No	Yes	No
EPS 1/RM/9	No	Yes	No

Parameter

Trout LC50 (96 h)

Trout Single Concentration (96h)

002 - Daphnia magna

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: ACUTE LETHALITY (SURVIVAL)

Preparation Method:

Lab Method ID(s): SOP 230, SOP 305, SOP 310

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/11	No	Yes	No
EPS 1/RM/14	No	Yes	No

Parameter

Daphnia LC50 (48 h)

Daphnia Single Concentration (48h)

003 - Fathead Minnow

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: SURVIVAL AND GROWTH

Preparation Method:

Lab Method ID(s): SOP 220, SOP 321

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/22	No	Yes	No

Parameter

Fathead minnow

004 - Ceriodaphnia dubia

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: SURVIVAL AND REPRODUCTION

Preparation Method:

Lab Method ID(s): SOP 250, SOP 322

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/21	No	Yes	No

Parameter

Ceriodaphnia dubia (7d)

007 - Echinoid Fertilization

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: FERTILIZATION SUCCESS

Preparation Method:

Lab Method ID(s): SOP 291, SOP 372

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/27	No	Yes	No

Parameter
Sea Urchin Fertilization

009 - Silverside

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: SURVIVAL AND GROWTH

Preparation Method:

Lab Method ID(s): SOP 371

Method Reference	Modified From	Analytical Method	Preparation Method
EPA 1006.0	Yes	Yes	No
EPA 821/R-02/014	Yes	Yes	No

Parameter
Silverside

010 - Hyalella azteca

Field of Accreditation: Environmental

Matrix: Solids [Sediment]

Analytical Method: SURVIVAL AND GROWTH

Preparation Method:

Lab Method ID(s): SOP 270, SOP 390

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/33	No	Yes	No

Parameter
Hyalella azteca

011 - Chironomids

Field of Accreditation: Environmental

Matrix: Solids [Sediment]

Analytical Method: SURVIVAL AND GROWTH

Preparation Method:

Lab Method ID(s): SOP 271, SOP 391

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/32	No	Yes	No

Parameter
Chironomus dilutus (formerly Chironomus tentans)
Chironomus riparius

013 - Lemna minor

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: GROWTH INHIBITION

Preparation Method:

Lab Method ID(s): SOP 280, SOP 382

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/37	No	Yes	No

Parameter
Lemna minor

014 - Pseudokirchneriella subcapitata

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: GROWTH INHIBITION

Preparation Method:

Lab Method ID(s): SOP 206, SOP 306

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/25	No	Yes	No

Parameter
Pseudokirchneriella subcapitata

027 - Ready Biodegradability

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: CLOSED BOTTLE TEST

Preparation Method:

Lab Method ID(s): SOP 392

Method Reference	Modified From	Analytical Method	Preparation Method
OECD 301 D	Yes	Yes	No

Parameter
Percent Degradation

028 - Rainbow Trout [pH Stabilization]

Field of Accreditation: Environmental

Matrix: Water

Analytical Method: ACUTE LETHALITY (SURVIVAL)

Preparation Method:

Lab Method ID(s): SOP 330

Method Reference	Modified From	Analytical Method	Preparation Method
EPS 1/RM/13	No	Yes	No
EPS 1/RM/50	No	Yes	No
STB 1/RM/59	No	Yes	No

Parameter

Trout LC50 (96h) - pH Stabilization

Trout Single Concentration (96h) - pH Stabilization

† "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