



# CALA Scope of Accreditation

**Laboratory Name:** Nautilus Environmental Inc. (Point Edward)

**Client ID:** 1001225

**Parent Institution:** Nautilus Environmental Company Inc.

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

**Clients Served:** All Interested Parties

**Revised On:** 03/18/2021

**Valid To:** 02/12/2025

## 001 - Rainbow Trout

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**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** ACUTE LETHALITY (SURVIVAL)

**Preparation Method:**

**Lab Method ID(s):** RT-LC, RT-SC

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

**Parameter**

Single Concentration (96h)  
Trout LC50 (96 h)

## 002 - Daphnia magna

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**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** ACUTE LETHALITY (SURVIVAL)

**Preparation Method:**

**Lab Method ID(s):** DM-LC, DM-SC

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

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**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** SURVIVAL AND GROWTH

**Preparation Method:**

**Lab Method ID(s):** FH-GS

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

**Parameter**

Fathead Minnow (*Pimephales promelas*) - LC50/IC25 (7d)

## 004 - Ceriodaphnia dubia

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**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** SURVIVAL AND REPRODUCTION

**Preparation Method:**

**Lab Method ID(s):** CD-RS

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

**Parameter**

Ceriodaphnia dubia LC50/IC25 (3 broods)

## 007 - Pseudokirchneriella subcapitata

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**Field of Accreditation:** Environmental

**Matrix:** Water

**Analytical Method:** GROWTH INHIBITION

**Preparation Method:**

**Lab Method ID(s):** RS-GI

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

**Parameter**Freshwater alga (*Pseudokirchneriella subcapitata*) IC25 (72h)**008 - Chironomids**

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**Field of Accreditation:** Environmental**Matrix:** Solids [Sediment]**Analytical Method:** SURVIVAL AND GROWTH**Preparation Method:****Lab Method ID(s):** CH-GS

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

**Parameter**Freshwater midge *Chironomus dilutus* (formerly *Chironomus tentans*) (10d)Freshwater midge *Chironomus riparius* (10d)**009 - Hyalella azteca**

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**Field of Accreditation:** Environmental**Matrix:** Solids [Sediment]**Analytical Method:** SURVIVAL AND GROWTH**Preparation Method:****Lab Method ID(s):** HA-GS

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

**Parameter**Freshwater Amphipod *Hyalella Azteca* (14d)**011 - Lemna minor**

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**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** GROWTH INHIBITION**Preparation Method:****Lab Method ID(s):** LM-GI

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

**Parameter**Freshwater macrophyte *Lemna minor* fronds IC25/dry weight IC25 (7d)**015 - Rainbow Trout**

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**Field of Accreditation:** Environmental**Matrix:** Water**Analytical Method:** ACUTE LETHALITY (SURVIVAL)**Preparation Method:****Lab Method ID(s):** RT-PHS

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

**Parameter**

Trout LC50 (96h)

Trout Single Concentration (96h)

† "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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