



STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

## CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

**Nautilus Environmental, Inc.**

4340 Vandever Avenue

San Diego, CA 92120

Scope of the certificate is limited to the  
"Fields of Testing"  
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of  
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1802**

Expiration Date: **9/30/2020**

Effective Date: **10/1/2018**

A handwritten signature in cursive script, reading "Christine Sotelo".

Sacramento, California  
subject to forfeiture or revocation

Christine Sotelo, Chief  
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE  
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM  
Accredited Fields of Testing**



**Nautilus Environmental, Inc.**  
California  
4340 Vandever Avenue  
San Diego, CA 92120  
Phone: (858) 587-7333

**Certificate No. 1802  
Expiration Date 9/30/2020**

**Field of Testing: 113 - Whole Effluent Toxicity of Wastewater**

113.010	001A	Fathead Minnow ( <i>P. promelas</i> )	EPA 600/4-90/027F, Static
113.010	001B	Fathead Minnow ( <i>P. promelas</i> )	EPA 600/4-90/027F, Static Renewal
113.010	005A	Daphnid ( <i>C. dubia</i> )	EPA 600/4-90/027F, Static
113.010	005B	Daphnid ( <i>C. dubia</i> )	EPA 600/4-90/027F, Static Renewal
113.010	006A	Daphnia spp.	EPA 600/4-90/027F, Static
113.010	006B	Daphnia spp.	EPA 600/4-90/027F, Static Renewal
113.010	008A	Topsmelt ( <i>A. affinis</i> )	EPA 600/4-90/027F, Static
113.010	008B	Topsmelt ( <i>A. affinis</i> )	EPA 600/4-90/027F, Static Renewal
113.010	009A	Silverside ( <i>Menidia</i> spp.)	EPA 600/4-90/027F, Static
113.010	009B	Silverside ( <i>Menidia</i> spp.)	EPA 600/4-90/027F, Static Renewal
113.010	012A	Mysid ( <i>M. bahia</i> )	EPA 600/4-90/027F, Static
113.010	012B	Mysid ( <i>M. bahia</i> )	EPA 600/4-90/027F, Static Renewal
113.021	001A	Fathead Minnow ( <i>P. promelas</i> )	EPA 2000 (EPA-821-R-02-012), Static
113.021	001B	Fathead Minnow ( <i>P. promelas</i> )	EPA 2000 (EPA-821-R-02-012), Static Renewal
113.023	005A	Daphnid ( <i>C. dubia</i> )	EPA 2002 (EPA-821-R-02-012), Static
113.023	005B	Daphnid ( <i>C. dubia</i> )	EPA 2002 (EPA-821-R-02-012), Static Renewal
113.024	006A	Daphnia spp.	EPA 2021 (EPA-821-R-02-012), Static
113.024	006B	Daphnia spp.	EPA 2021 (EPA-821-R-02-012), Static Renewal
113.025	009A	Silverside ( <i>Menidia</i> spp.)	EPA 2006 (EPA-821-R-02-012), Static
113.025	009B	Silverside ( <i>Menidia</i> spp.)	EPA 2006 (EPA-821-R-02-012), Static Renewal
113.027	012A	Mysid ( <i>M. bahia</i> )	EPA 2007 (EPA-821-R-02-012), Static
113.027	012B	Mysid ( <i>M. bahia</i> )	EPA 2007 (EPA-821-R-02-012), Static Renewal
113.028	008A	Topsmelt ( <i>A. affinis</i> )	EPA-821-R-02-012, Static
113.028	008B	Topsmelt ( <i>A. affinis</i> )	EPA-821-R-02-012, Static Renewal
113.029	001B	Hyaella spp.	EPA-821-R-02-012, Static Renewal
113.040	001	Fathead Minnow ( <i>P. promelas</i> )	EPA 1000 (EPA/600/4-91/002)
113.041	001	Fathead Minnow ( <i>P. promelas</i> )	EPA 1000 (EPA-821-R-02-013)
113.050	005	Daphnid ( <i>C. dubia</i> )	EPA 1002 (EPA/600/4-91/002)
113.051	005	Daphnid ( <i>C. dubia</i> )	EPA 1002 (EPA-821-R-02-013)
113.060	020	Green algae ( <i>S. capricornutum</i> )	EPA 1003 (EPA/600/4-91/002)
113.061	020	Green algae ( <i>S. capricornutum</i> )	EPA 1003 (EPA-821-R-02-013)
113.071	020	Green algae ( <i>S. capricornutum</i> )	ASTM E1218-04
113.080	009	Silverside ( <i>Menidia</i> spp.)	EPA 1006 (EPA/600/4-91/003)
113.081	009	Silverside ( <i>Menidia</i> spp.)	EPA 1006 (EPA-821-R-02-014)
113.090	012	Mysid ( <i>M. bahia</i> )	EPA 1007 (EPA/600/4-91/003)
113.091	012	Mysid ( <i>M. bahia</i> )	EPA 1007 (EPA-821-R-02-014)
113.120	008	Topsmelt ( <i>A. affinis</i> )	EPA 600/R-95/136
113.120	015D	Sand dollar ( <i>D. excentricus</i> )	EPA 600/R-95/136, Fertilization Test

As of 10/9/2018, this list supersedes all previous lists for this certificate number.  
Customers: Please verify the current accreditation standing with the State.

113.120	015E	Sand dollar ( <i>D. excentricus</i> )	EPA 600/R-95/136, Development Test
113.120	017D	Purple sea urchin ( <i>S. purpuratus</i> )	EPA 600/R-95/136, Fertilization Test
113.120	017E	Purple sea urchin ( <i>S. purpuratus</i> )	EPA 600/R-95/136, Development Test
113.120	019	Mussels ( <i>Mytilus</i> spp.)	EPA 600/R-95/136
113.120	022	Giant kelp ( <i>M. pyrifera</i> )	EPA 600/R-95/136
113.120	023	Red abalone ( <i>H. rufescens</i> )	EPA 600/R-95/136
113.160	026	Amphipod ( <i>H. azteca</i> )	EPA 600/R-99/064, EPA 100.1
113.170	027	Midge ( <i>C. tentans</i> )	EPA 600/R-99/064, EPA 100.2
113.180	028	Oligochaete ( <i>L. variegatus</i> )	EPA 600/R-99/064, EPA 100.3
113.190	026	Amphipod ( <i>H. azteca</i> )	EPA 600/R-99/064, EPA 100.4
113.200	027	Midge ( <i>C. tentans</i> )	EPA 600/R-99/064, EPA 100.5
113.210	029	Amphipod ( <i>A. abdita</i> )	EPA 600/R-94/025, EPA 100.4
113.210	030	Amphipod ( <i>E. estuarius</i> )	EPA 600/R-94/025, EPA 100.4
113.210	031	Amphipod ( <i>L. plumulosus</i> )	EPA 600/R-94/025, EPA 100.4
113.210	032	Amphipod ( <i>R. abronius</i> )	EPA 600/R-94/025, EPA 100.4

**Field of Testing: 119 - Toxicity Bioassay of Hazardous Waste**

119.010	001	Fathead Minnow ( <i>P. promelas</i> )	Polisini & Miller (CDFG 1988)
119.020	026	Amphipod ( <i>H. azteca</i> )	EPA 100.1
119.030	027	Midge ( <i>C. tentans</i> )	EPA 100.2
119.040	028	Oligochaete ( <i>L. variegatus</i> )	EPA 100.3
119.050	029	Amphipod ( <i>A. abdita</i> )	EPA 100.4
119.050	030	Amphipod ( <i>E. estuarius</i> )	EPA 100.4
119.050	031	Amphipod ( <i>L. plumulosus</i> )	EPA 100.4
119.050	032	Amphipod ( <i>R. abronius</i> )	EPA 100.4



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

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## State Water Resources Control Board

October 9, 2018

Peter Arth  
Nautilus Environmental, Inc.  
4340 Vandever Avenue  
San Diego, CA 92120

Dear Peter Arth:

Certificate No. 1802

This notice advises that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, *et seq.*

The Fields of Testing for which this laboratory has been certified are indicated on the enclosed "Fields of Testing" list. The certificate shall remain in effect until **September 30, 2020** unless it is revoked. This certificate is subject to an annual fee as determined by HSC 100860.1(a).

The application for renewal of this certificate must be received 90 days prior to the expiration date to remain in force according to HSC 100845(a). You must submit annual Proficiency Testing results before the due date of your annual fee to remain in compliance.

Any change in laboratory location or alteration to laboratory structure that could adversely affect quality of analysis in certified methods require notification prior to the change. Notification is also required for a transfer in ownership or appointment of new laboratory director within 30 days of the change (HSC, Section 100845(b) and (d)).

Your continued cooperation with the above requirements is essential for maintaining the high quality of the data produced by environmental laboratories certified by the State of California.

Please contact our office at (916) 323-3431 or [elapca@waterboards.ca.gov](mailto:elapca@waterboards.ca.gov) with questions.

Sincerely,

A handwritten signature in black ink that reads "Christine Sotelo".

Christine Sotelo, Chief  
Environmental Laboratory Accreditation Program

Enclosure