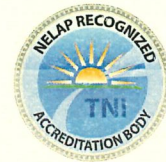




Oregon Environmental Laboratory Accreditation Program



NELAP Recognized

EcoAnalysts, Inc.

4165

4770 NE View Drive
Port Gamble, WA 98364

IS GRANTED APPROVAL BY ORELAP UNDER THE 2016 TNi STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

Air	Drinking Water	Non-Potable Water	Solids and Chemical Waste	Tissue
		Toxicity Testing	Toxicity Testing	

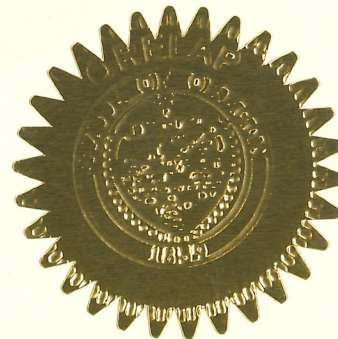
AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Travis Bartholomew
Oregon State Public Health Laboratory
ORELAP Program Manager
7202 NE Evergreen Parkway, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 7/2/2022
EXPIRATION DATE : 7/1/2023
Certificate No : 4165 - 002





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Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



EcoAnalysts, Inc.

4770 NE View Drive
Port Gamble, WA 98364

ORELAP ID: 4165

EPA CODE: WA01222

Certificate: 4165 - 002

Issue Date: 7/2/2022 Expiration Date: 7/1/2023

As of 7/2/2022 this list supersedes all previous lists for this certificate number.

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
Non-Potable Water					
	EPA 1003.0 - Green Algae Chronic Toxicity			10115216	Green Algae (<i>Selenastrum capricornutum</i>) Growth Test Method
		3420	<i>Selenastrum capricornutum</i>		
	EPA 2002.0 - Ceriodaphnia dubia Acute Toxicity 5th			10214581	Ceriodaphnia dubia Acute Toxicity with Effluents and Receiving Waters
		3315	<i>Ceriodaphnia dubia</i>		
	EPA 2019.0 - Rainbow Trout Acute Toxicity 5th Ed			10402876	Rainbow Trout (<i>Oncorhynchus mykiss</i>) Acute Toxicity
		3405	<i>Oncorhynchus mykiss</i>		
	EPA 600/R-95/136 1st			920	SHORT-TERM METHODS FOR ESTIMATING THE CHRONIC TOXICITY OF EFFLUENTS AND RECEIVING WATERS TO WEST COAST MARINE AND ESTUARINE ORGANISMS
		3310	<i>Atherinops affinis</i>		
		3375	<i>Macrocystis pyrifera</i>		
	EPA 600/R-95/136 Dev			922	SHORT-TERM METHODS FOR ESTIMATING THE CHRONIC TOXICITY OF EFFLUENTS AND RECEIVING WATERS TO WEST COAST MARINE AND ESTUARINE ORGANISMS - Development
		3351	<i>Dendraster excentricus</i>		
		3430	<i>Strongylocentrotus purpuratus</i>		
	EPA 600/R-95/136 Fert			921	SHORT-TERM METHODS FOR ESTIMATING THE CHRONIC TOXICITY OF EFFLUENTS AND RECEIVING WATERS TO WEST COAST MARINE AND ESTUARINE ORGANISMS - Fertilization
		3351	<i>Dendraster excentricus</i>		
		3430	<i>Strongylocentrotus purpuratus</i>		
	EPA 821/R-02/012;			902	Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
	2000.0				to Freshwater and Marine Organisms
		3410	Pimephales promelas		
EPA 821/R-02/012; 2006.0 5				903	Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms
		3310	Atherinops affinis		
		3380	Menidia beryllina		
EPA 821/R-02/012; 2007.0 5				904	Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms
		3395	Americamysis bahia		
EPA 821/R-02/013				930	Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms
		3315	Ceriodaphnia dubia		
EPA 821/R-02/013; 1000.0				10252605	Fathead Minnow Larval Survival and Growth, chronic
		3410	Pimephales promelas		
EPA 821/R-02/014; 1006.0				10253802	Inland Silverside Larval Survival and Growth, chronic (EPA 821/R-02/014)
		3380	Menidia beryllina		
EPA 821/R-02/014; 1007.0				10254009	Mysid Survival, Growth, and Fecundity, chronic (EPA 821/R-02/014)
		3395	Americamysis bahia		
EPA/600/R-95/136				10294674	Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms
		3335	Crassostrea gigas		
		3400	Mytilus spp.		

Solids

ASTM E 1367-03 2008				912	Standard Test Method for Measuring the Toxicity of Sediment-Associated Contaminants with Estuarine and Marine Invertebrates
		3302	Ampelisca abdita		
		3358	Eohaustorius		



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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
			estuarius		
		3461	Leptocheirus Plumulosus		
		3413	Rhepoxynius abronius		
ASTM E 1611				957	Standard Guide for Conducting Sediment Toxicity Tests with Polychaetous Annelids
		3401	Neanthes arenaceondentata		
ASTM E 1688-10 2010				30045386	Determination of the Bioaccumulation of Sediment-Associated Contaminants by Benthic Invertebrates
		3464	Macoma nasuta		
		3402	Nereis virens		
ASTM E 1688-19 2019				915	Standard Guide for Determination of the Bioaccumulation of Sediment-Associated Contaminants by Benthic Invertebrates
		3463	Lumbriculus variegatus		
ASTM E 1706-20 2020				916	Standard Test Method for Measuring the Toxicity of Sediment-Associated Contaminants with Freshwater Invertebrates
		3323	Chironomus dilutus		
		3372	Hyalella azteca		
EPA 600/R-94/025				960	Methods for Assessing the Toxicity of Sediment- associated Contaminants with Estuarine and Marine Amphipods
		3302	Ampelisca abdita		
		3358	Eohaustorius estuarius		
		3461	Leptocheirus Plumulosus		
		3413	Rhepoxynius abronius		
EPA 600/R-99/064; 100.1 2nd				950	Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates
		3372	Hyalella azteca		
EPA 600/R-99/064; 100.2 2				906	Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates
		3323	Chironomus		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
		dilutus		
EPA 600/R-99/064; 100.3 2			907	Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates
	3463	Lumbriculus variegatus		
EPA 600/R-99/064; 100.4			10294527	Test for Measuring the Effects of Sediment-associated Contaminants on Survival, Growth, and Reproduction
	3372	Hyalella azteca		
EPA 600/R-99/064; 100.5 2			953	Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates
	3323	Chironomus dilutus		
PSEP (1995) 1995			980	Puget Sound Estuary Program Conventional Sediment Variables - Bioassay
	3302	Ampelisca abdita		
	3351	Dendraster excentricus		
	3358	Eohaustorius estuarius		
	3400	Mytilus spp.		
	3401	Neanthes arenaceodentata		
	3413	Rhepoxynius abronius		
	3430	Strongylocentrotus purpuratus		
WDOE 80-12, 2020			918	Biological Test Methods for the Designation of Dangerous Waste
	3405	Oncorhynchus mykiss		