



OREGON

Environmental Laboratory Accreditation Program



State Hygienic Laboratory at the Univ. of
Iowa - Lakeside

NELAP Recognized

4016

1838 Highway 86

Milford, IA 51351

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM
ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
	Chemistry	Chemistry		
	Microbiology	Microbiology		

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.

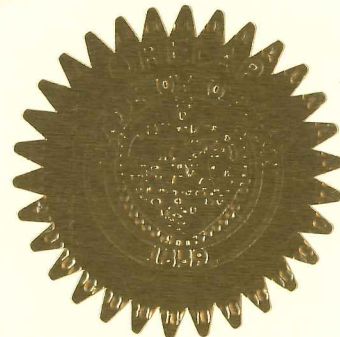
Lizbeth Garcia

Lizbeth Garcia
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EFFECTIVE DATE : 06/1/2018

EXPIRATION DATE : 06/3/2019

Certificate No : 4016 - 006





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ORELAP Fields of Accreditation

ORELAP ID: 4016

State Hygienic Laboratory at the Univ. of Iowa - Lakeside

EPA CODE: IA01167

Certificate: 4016 - 006

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Issue Date: 6/1/2018 Expiration Date: 6/3/2019

MATRIX	Reference	Code	Analyte	Code	Description
Drinking Water	EPA 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
		1810	Nitrate as N		
		1820	Nitrate-nitrite		
		1840	Nitrite as N		
	SM 4500-F ⁻ C 20th ED			20102005	Fluoride by Ion Selective Electrode
		1730	Fluoride		
	SM 9223 B (Colilert® Quanti-Tray®) 20th ED			20211205	Chromogenic/Fluorogenic Quantitative (Colilert®): Total Coliform and E. coli
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colilert®) 20th ED			20212208	Chromogenic/Fluorogenic Qualitative (Colilert®): Total Coliform and E. coli
		2525	Escherichia coli		
		2500	Total coliforms		
SM 9223 B (Colilert®-18 Quanti-Tray®) 20th ED			20213201	Chromogenic/Fluorogenic Quantitative (Colilert®-18): Total Coliform and E. coli	
	2525	Escherichia coli			
	2500	Total coliforms			
Non-Potable Water	ASTM D516-11			30002245	Sulfate Ion in Water
		2000	Sulfate		
	EPA 350.1 2			10063602	Ammonia Nitrogen - Colorimetric, Auto Phenate
		1515	Ammonia as N		
	EPA 351.2 2			10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate
		1795	Kjeldahl nitrogen - total		
	EPA 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
		1810	Nitrate as N		
		1820	Nitrate-nitrite		
		1840	Nitrite as N		
	EPA 365.1 2			10070005	Phosphorous - Colorimetric, Automated persulfate
		1870	Orthophosphate as P		
		1910	Phosphorus, total		
	SM 2130 B 21st ED			20042608	Turbidity by Nephelometric Method
		2055	Turbidity		
SM 2510 B 21st ED			20048402	Conductivity by Probe	
	1610	Conductivity			



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Non-Potable Water

SM 2540 C 21st ED			20050208	Total Dissolved Solids Dried at 180C
	1955	Residue-filterable (TDS)		
SM 2540 D-2011			20051212	Total Suspended Solids Dried at 103 - 105 C
	1960	Residue-nonfilterable (TSS)		
SM 2540 F 21st ED			20052000	Settleable Solids
	1965	Residue-settleable		
SM 4500-Cl E 20th ED			20080211	Chlorine (Residual) by Low-Level Amperometric Titration
	1575	Chloride		
SM 4500-H+ B 21st ED			20105004	pH Value by Electrometric Method .
	1900	pH		
SM 4500-NH3 B-97 online			20106007	Ammonia by Preliminary Distillation Step
	1515	Ammonia as N		
SM 4500-P B 5 20th ED			20123200	Phosphorus by Persulfate Digestion Method
	1910	Phosphorus, total		
SM 5210 B 21st ED			20135006	Biochemical Oxygen Demand, 5-Day (BOD5)
	1530	Biochemical oxygen demand		
	1555	Carbonaceous BOD, CBOD		
SM 9223 B (Colilert® Quanti-Tray®) 20th ED			20211205	Chromogenic/Fluorogenic Quantitative (Colilert®): Total Coliform and E. coli
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