



# OREGON

## Environmental Laboratory Accreditation Program



**BSK Associates –Vancouver**

NELAP Recognized

**WA100008**

2517 E. Evergreen Blvd.

Vancouver, WA 98661

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	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 : 05/19/2018

EXPIRATION DATE : 05/18/2019

Certificate No : WA100008 - 011





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### ORELAP Fields of Accreditation

ORELAP ID: WA100008

EPA CODE: WA12806

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Issue Date: 5/19/2018 Expiration Date: 5/18/2019

As of 5/19/2018 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Code	Description	
Drinking Water	EPA 300.0 2.1			10053200	Methods for the Determination of Inorganic Substances in Environmental Samples	
		1575	Chloride			
		1730	Fluoride			
		1810	Nitrate as N			
		1820	Nitrate-nitrite			
		1840	Nitrite as N			
		1870	Orthophosphate as P			
		2000	Sulfate			
	EPA 365.3				10070801	Phosphorous - Colorimetric, two reagent.
		1870	Orthophosphate as P			
	SM 2120 B 22nd Ed				20039014	Color - Visual Comparison Method
		1605	Color			
	SM 2130 B- 2011				20048220	Turbidity by Nephelometric Method
		2055	Turbidity			
	SM 2320 B 22nd Ed				20045414	Alkalinity by Titration
		1505	Alkalinity as CaCO3			
	SM 2510 B 22nd Ed				20048413	Conductivity by Probe
		1610	Conductivity			
	SM 2540 C 22nd Ed				20050424	Total Dissolved Solids Dried at 180 deg C
		1955	Residue-filterable (TDS)			
SM 4500-Cl G 22nd Ed				20081418	Chlorine (Residual) - DPD Colorimetric Method	
	1945	Residual free chlorine				
	1940	Total residual chlorine				
SM 4500-H+ B 22nd Ed				20105015	pH Value - Electrometric Method	
	1900	pH				
SM 9215 B (PCA) 21st ED				20181402	Heterotrophic Plate Count Pour Plate (plate count agar): Heterotrophic Bacteria	
	2555	Heterotrophic plate count				
SM 9221 B (LTB) + C MPN 21st ED				20187002	Multiple Tube Fermentation Quantitative (LTB): Total Coliform	
	2500	Total coliforms				
SM 9221 B (LTB) + E (EC) + C MPN 20th ED				20188607	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform	
	2530	Fecal coliforms				



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Method	Parameter	Code	Test Method
<b>Drinking Water</b>	SM 9223 B (Colilert Quanti-Tray)-2004 22nd Ed	2525 2500	Escherichia coli Total coliforms
	20211614		Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
	SM 9223 B (Colilert) 22nd Ed	2525 2500	Escherichia coli Total coliforms
	20212413		Enzyme Substrate Coliform Test (Colilert) P/A
<b>Drinking Water</b>	SM 9223 B (Colilert-18 Quanti-Tray)-2004 22nd Ed	2525 2500	Escherichia coli Total coliforms
	20213610		Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
	SM 9223 B (Colilert-18) 22nd Ed	2525 2500	Escherichia coli Total coliforms
	20214419		Enzyme Substrate Coliform Test (Colilert-18)
<b>Non-Potable Water</b>	EPA 300.0 2.1		1575 Chloride 1730 Fluoride 1810 Nitrate as N 1820 Nitrate-nitrite 1840 Nitrite as N 1870 Orthophosphate as P 2000 Sulfate
		10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
	EPA 365.3		1870 Orthophosphate as P 1910 Phosphorus, total
		10070801	Phosphorous - Colorimetric, two reagent.
	SM 2120 B 22nd Ed		1605 Color
		20039014	Color - Visual Comparison Method
	SM 2130 B-2011		2055 Turbidity
		20048220	Turbidity by Nephelometric Method
	SM 2320 B 22nd Ed		1505 Alkalinity as CaCO3
		20045414	Alkalinity by Titration
	SM 2510 B 22nd Ed		1610 Conductivity
		20048413	Conductivity by Probe
	SM 2540 B-2011 2011		1950 Residue-total
		20049416	Total Solids Dried at 103 - 105C
	SM 2540 C 22nd Ed		1955 Residue-filterable (TDS)
		20050424	Total Dissolved Solids Dried at 180 deg C



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### Non-Potable Water

SM 2540 D-2011	1960	Residue-nonfilterable (TSS)	20051212	Total Suspended Solids Dried at 103 - 105 C
SM 2540 F-2011	1965	Residue-settleable	20052215	Settleable Solids
SM 4500-CI G 22nd Ed	1945	Residual free chlorine	20081418	Chlorine (Residual) - DPD Colorimetric Method
	1940	Total residual chlorine		
SM 4500-H+ B 22nd Ed	1900	pH	20105015	pH Value - Electrometric Method
SM 5210 B 22nd ED	1530	Biochemical oxygen demand	20135017	Biochemical Oxygen Demand (BOD) 5-Day
	1555	Carbonaceous BOD, CBOD		
SM 5220 D-2011 2011	1565	Chemical oxygen demand	20136816	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
SM 9215 B (PCA) 21st ED	2555	Heterotrophic plate count	20181402	Heterotrophic Plate Count Pour Plate (plate count agar): Heterotrophic Bacteria
SM 9221 B (LTB) + C MPN 21st ED	2500	Total coliforms	20187002	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
SM 9221 B (LTB) + E (EC) + C MPN 20th ED	2530	Fecal coliforms	20188607	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
SM 9222 D (m-FC) 21st ED	2530	Fecal coliforms	20209807	Membrane Filtration Quantitative (m-FC): Fecal Coliform
SM 9223 B (Colilert Quanti-Tray)-2004 22nd Ed	2525	Escherichia coli	20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
	2500	Total coliforms		
SM 9223 B (Colilert-18 Quanti-Tray)-2004 22nd ED	2525	Escherichia coli	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
	2500	Total coliforms		

### Solids

NWTPH-Dx	9369	Diesel range organics (DRO)	90018409	Oregon DEQ TPH Diesel Range
	9488	Jet Fuel		
	9499	Motor Oil		
	8641	Percent Moisture		



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#### **Solids**

NWTPH-Dx

9506

Residual Range Organics (RRO)

2050

Total Petroleum Hydrocarbons (TPH)

