



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.

Christopher L. Redman

Christopher L. Redman, BA
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EFFECTIVE DATE : 05/19/2017

EXPIRATION DATE : 05/18/2018

Certificate No : WA100008 - 010





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ORELAP Fields of Accreditation

ORELAP ID: WA100008

EPA CODE: WA12806

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Issue Date: 5/19/2017 Expiration Date: 5/18/2018

As of 5/19/2017 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-2001 online				20039309	Color by Visual Comparison
		1605	Color			
	SM 2130 B-94 online				20042802	Turbidity by Nephelometric Method
		2055	Turbidity			
	SM 2320 B-97 SM 2320 B-97				20045607	Alkalinity by Titration Method
		1505	Alkalinity as CaCO ₃			
	SM 2510 B-97 SM 2510 B-97				20048606	Conductivity by Probe
		1610	Conductivity			
	SM 2540 C-97 SM 2540 C-97				20050402	Total Dissolved Solids Dried at 180C
		1955	Residue-filterable (TDS)			
SM 2540 F-97 online				20052204	Settleable Solids	
	1965	Residue-settleable				
SM 4500-Cl G-2000 online				20081612	Chlorine (Residual) by DPD Colorimetric Determination	
	1945	Residual free chlorine				
	1940	Total residual chlorine				
SM 4500-H+ B-2000 online				20105219	pH Value by 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) + E (EC) 21st ED				20188005	Multiple Tube Fermentation Qualitative (LTB/EC): Total Coliform and Fecal Coliform	
	2530	Fecal coliforms				
	2500	Total coliforms				



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Method	Parameter	Code	Description
Drinking Water	SM 9221 B (LTB) + E (EC) + C MPN-94 online	20189008	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
	2525		Escherichia coli
	2530		Fecal coliforms
	2500		Total coliforms
	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	
Non-Potable 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
	1910		Phosphorus, total
	SM 2120 B-2001 online	20039309	Color by Visual Comparison
	1605		Color
	SM 2130 B-94 online	20042802	Turbidity by Nephelometric Method
	2055		Turbidity
	SM 2320 B-97 SM 2320 B-97	20045607	Alkalinity by Titration Method
	1505		Alkalinity as CaCO3
	SM 2510 B-97 SM 2510 B-97	20048606	Conductivity by Probe
	1610		Conductivity
	SM 2540 B-97 SM 2540 B-97	20049405	Total Solids Dried at 103 - 105C
	1950		Residue-total
SM 2540 C-97 SM 2540 C-97	20050402	Total Dissolved Solids Dried at 180C	
1955		Residue-filterable (TDS)	



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Non-Potable Water

SM 2540 D-97 SM 2540 D-97	1960	Residue-nonfilterable (TSS)	20051201	Total Suspended Solids Dried at 103 - 105C
SM 2540 E-1997	1947	Residue - Fixed	20051585	Fixed & Volatile Solids Ignited at 550 C
	1970	Residue-volatile		
SM 2540 F-97 online	1965	Residue-settleable	20052204	Settleable Solids
SM 4500-CI G-2000 online	1945	Residual free chlorine	20081612	Chlorine (Residual) by DPD Colorimetric Determination
	1940	Total residual chlorine		
SM 4500-H+ B-2000 online	1900	pH	20105219	pH Value by Electrometric Method .
SM 5210 B-2001 online	1530	Biochemical oxygen demand	20135255	Biochemical Oxygen Demand (BOD), 5-Day
	1555	Carbonaceous BOD, CBOD		
SM 5220 D-97 online	1565	Chemical oxygen demand	20136805	COD by Closed Reflux, Colorimetric Method
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) + E (EC) 21st ED	2530	Fecal coliforms	20188005	Multiple Tube Fermentation Qualitative (LTB/EC): Total Coliform and Fecal Coliform
	2500	Total coliforms		
SM 9221 B (LTB) + E (EC) + C MPN-94 online	2525	Escherichia coli	20189008	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
	2530	Fecal coliforms		
	2500	Total coliforms		
SM 9222 D (m-FC)-97 online	2530	Fecal coliforms	20210008	Membrane Filtration Quantitative (m-FC): Fecal Coliform
SM 9223 B (Colilert® Quanti-Tray®) 20th ED	2525	Escherichia coli	20211205	Chromogenic/Fluorogenic Quantitative (Colilert®): Total Coliform and E. coli
	2500	Total coliforms		
SM 9223 B (Colilert®) 20th ED	2525	Escherichia coli	20212208	Chromogenic/Fluorogenic Qualitative (Colilert®): Total Coliform and E. coli

Non-Potable WaterSM 9223 B
(Colilert®) 20th
ED

2500

Total coliforms

Solids

NWTPH-Dx

90018409

Oregon DEQ TPH Diesel Range

9369 Diesel range organics (DRO)
9488 Jet Fuel
9499 Motor Oil
8641 Percent Moisture
9506 Residual Range Organics (RRO)
2050 Total Petroleum Hydrocarbons (TPH)