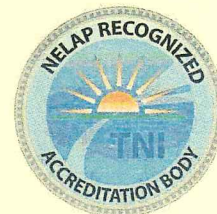




OREGON

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.

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

EFFECTIVE DATE : 05/19/2020

EXPIRATION DATE : 05/18/2021

Certificate No : WA100008 - 013





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ORELAP Fields of Accreditation

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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 plus Nitrite as N			
		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) 22nd				20180147	Heterotrophic Plate Count - Pour Plate Method	
	2555	Heterotrophic plate count				
SM 9221 B (LTB) + C MPN 22nd				20187228	Multiple Tube Fermentation Quantitative (LTB): Total Coliform	
	2500	Total coliforms				
SM 9221 B (LTB) + E (EC) + C MPN 22nd				20189020	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform	
	2530	Fecal coliforms				



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Method	Parameter	Code	Test Name
Drinking Water	SM 9223 B (Colilert Quanti-Tray)-2004 22nd Ed	2525	Escherichia coli
		2500	Total coliforms
	SM 9223 B (Colilert) 22nd Ed	2525	Escherichia coli
		2500	Total coliforms
Drinking Water	SM 9223 B (Colilert-18 Quanti-Tray)-2004 22nd ED	2525	Escherichia coli
		2500	Total coliforms
	SM 9223 B (Colilert-18) 22nd Ed	2525	Escherichia coli
		2500	Total coliforms
Non-Potable Water	EPA 300.0 2.1	1575	Chloride
		1730	Fluoride
		1810	Nitrate as N
		1820	Nitrate plus Nitrite as N
		1840	Nitrite as N
		1870	Orthophosphate as P
		2000	Sulfate
	EPA 365.3	1870	Orthophosphate as P
		1910	Phosphorus, total
	SM 2120 B 22nd Ed	1605	Color
	SM 2130 B-2011	2055	Turbidity
	SM 2320 B 22nd Ed	1505	Alkalinity as CaCO3
	SM 2510 B 22nd Ed	1610	Conductivity
	SM 2540 B-2011 2011	1950	Residue-total
	SM 2540 C 22nd Ed	1955	Residue-filterable (TDS)



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Non-Potable Water

SM 2540 D-2011	20051212	Total Suspended Solids Dried at 103 - 105 C
1960 Residue-nonfilterable (TSS)		
SM 2540 F-2011	20052215	Settleable Solids
1965 Residue-settleable		
SM 4500-CI 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 5210 B 22nd ED	20135017	Biochemical Oxygen Demand (BOD) 5-Day
1530 Biochemical oxygen demand		
1555 Carbonaceous BOD, CBOD		
SM 9215 B (PCA) 22nd	20180147	Heterotrophic Plate Count - Pour Plate Method
2555 Heterotrophic plate count		
SM 9221 B (LTB) + C MPN 22nd	20187228	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
2500 Total coliforms		
SM 9221 B (LTB) + E (EC) + C MPN 22nd	20189020	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
2530 Fecal coliforms		
SM 9222 D (m-FC) 22nd	20209818	Membrane Filtration Quantitative (m-FC): Fecal Coliform
2530 Fecal coliforms		
SM 9223 B (Colilert Quanti-Tray)-2004 22nd Ed	20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
2525 Escherichia coli		
2500 Total coliforms		
SM 9223 B (Colilert-18 Quanti-Tray)-2004 22nd ED	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
2525 Escherichia coli		
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)		



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