

## **Environmental Laboratory Accreditation Program**

Oregon



NELAP Recognized

Tissue

### **BSK Associates –Vancouver** WA100008

2517 E. Evergreen Blvd.

Vancouver, WA 98661

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 & Chem. Waste

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.

arcio For Steve Jetter

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

EFFECTIVE DATE : 05/30/2024 EXPIRATION DATE : 05/18/2025 Certificate No: WA100008 - 019



Environmental Laboratory Accreditation Program

**ORELAP Fields of Accreditation** 



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### ORELAP ID: WA100008 EPA CODE: WA12806 Certificate: WA100008 - 019

Issue Date: 5/30/2024 Expiration Date: 5/18/2025

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking							
Water	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1575	Chloride				
		1730	Fluoride				
		1810	Nitrate as N	ECO			
		1820	Nitrate plus Nitrite as N	-67			
		1840	Nitrite as N		G.	10	
		1870	Orthophosphate as P		<b>V</b> A	1.0	
		2000	Sulfate				
	EPA 365.3	1			1978	10070801	Phosphorous - Colorimetric, two reagent.
	100	1870	Orthophosphate as P	1 /			
	SM 2120 B	1005	Calar	22nd Ed	2011	20039014	Color - Visual Comparison Method
	SM 2120 B	1605	Color	23rd Ed	2011	20039036	Color - Visual Comparison Method
	SIVI 2120 B			2310 Eu	2011	20039030	Color - Visual Companson Method
		1605	Color	N.			
	SM 2130 B			22nd Ed	2011	20042619	Turbidity - Nephelometric Method
		2055	Turbidity				
	SM 2130 B			23rd Ed	2011	20042631	Turbidity - Nephelometric Method
		2055	Turbidity				
	SM 2320 B	2000	Turbidity	22nd Ed	2011	20045414	Alkalinity by Titration
	OW 2020 D			ZZNULU	2011	20040414	Alkalinity by Intation
	131	1505	Alkalinity as CaCO3				E
	SM 2320 B	-0		23rd Ed	2011	20045436	Alkalinity by Titration Method
		1505	Alkalinity as CaCO3				
	SM 2510 B			22nd Ed	2011	20048413	Conductivity by Probe
		4040	Constitution				
	CM 0540 D	1610	Conductivity	00rd Ed	2014	00040405	Can ductivity by Droke
	SM 2510 B		1 FDI	23rd Ed	2011	20048435	Conductivity by Probe
		1610	Conductivity			151	
	SM 2540 C		111 A	22nd Ed	2011	20050424	Total Dissolved Solids Dried at 180 deg C
		1955	Residue-filterable (TDS)	CHARTER ST	-		
	SM 4500-CI G			22nd Ed	2011	20081418	Chlorine (Residual) - DPD Colorimetric Method
		1945	Residual free chlorine				
		1940	Total residual chlorine				



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Drinking Water	SM 4500-CI G			23rd Ed	2011	20081441	Chlorine (Residual) - DPD Colorimetric Method
		1945	Residual free chlorine				
		1940	Total residual chlorine				
	SM 4500-H+ B			22nd Ed	2011	20105015	pH Value - Electrometric Method
		1900	рН				
	SM 4500-H+ B			23rd ED	2011	20105037	pH Value - Electrometric Method
		1900	PH DK				
	SM 9215 B	1900	ph	22nd	2004	20180147	Heterotrophic Plate Count - Pour
	(PCA)			EEIIG	2001	Londonn	Plate Method
		2555	Heterotrophic plate count				1
	SM 9221 B	1		22nd	2006	20187228	Multiple Tube Fermentation
	(LTB) + C MPN	2500	Total coliforms				Quantitative (LTB): Total Coliform
	SM 9221 B	2500	Total comorns	22nd	2006	20189020	Multiple Tube Fermentation
	(LTB) + E (EC) + C MPN			22110	2000	20109020	Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
		2530	Fecal coliforms				
	SM 9223 B (Colilert			22nd Ed	2004	20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
	Qua <mark>nti-Tr</mark> ay)- 2004	2525	Escherichia coli				
	225	2500	Total coliforms				100
	SM 9223 B (Colilert)			22nd Ed	2004	20212413	Enzyme Substrate Coliform Test (Colilert) P/A
		2525	Escherichia coli				
		2500	Total coliforms				
	SM 9223 B (Colilert-18 Quanti-Tray)-	0505	Foobasishin anli	22nd ED	2004	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
	2004	2525	Escherichia coli				
	SM 9223 B (Colilert-18)	2500	Total coliforms	22nd Ed	2004	20214419	Enzyme Substrate Coliform Test (Colilert-18)
	(001101110)	2525	Escherichia coli		.0		
		2500	Total coliforms		NV	10	
Non-		2000		ATIC	14	0	
Potable Water	EPA 300.0		ALL DE LE DE	2.1	1993	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				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non- Potable	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
Water		1840	Nitrite as N				
		1870	Orthophosphate as P				
		2000	Sulfate	10.00 00 00			
	EPA 365.3		ALL DI	-	1978	10070801	Phosphorous - Colorimetric, two reagent.
		1870	Orthophosphate as P				
		1910	Phosphorus, total		65.4	1 Cal	
	SM 2120 B		· r·	22nd Ed	2011	20039014	Color - Visual Comparison Method
		1605	Color				
	SM 2120 B	7		23rd Ed	2011	20039036	Color - Visual Comparison Method
	14	1605	Color				
	SM 2130 B			22nd Ed	2011	20042619	Turbidity - Nephelometric Method
		2055	Turbidity		/		
	SM 2130 B	2055	Tuskidity	23rd Ed	2011	20042631	Turbidity - Nephelometric Method
	SM 2320 B	2055	Turbidity	22nd Ed	2011	20045414	Alkalinity by Titration
	SIVI 2320 B			22110 20	2011	20045414	Alkalinity by Infation
	100	1505	Alkalinity as CaCO3				100
	SM 2320 B			23rd Ed	2011	20045436	Alkalinity by Titration Method
		1505	Alkalinity as CaCO3		_		
	SM 2510 B			22nd Ed	2011	20048413	Conductivity by Probe
		1610	Conductivity			1	151
	SM 2510 B	0		23rd Ed	2011	20048435	Conductivity by Probe
		1610	Conductivity			5	151
	SM 2540 B	20		22nd ED	2011	20049212	Total Solids Dried at 103 - 105C
		1950	Residue-total		0		
	SM 2540 C	0	TEDIT	22nd Ed	2011	20050424	Total Dissolved Solids Dried at 180 deg C
		1955	Residue-filterable (TDS)		1		
	SM 2540 D		and the second s	22nd ED	2011	20051018	Solids - Total Suspended Solids Dried at 103 - 105 deg C
		1960	Residue-nonfilterable (TSS)				
	SM 2540 F			22nd ED	2011	20052011	Settleable Solids
		1965	Residue-settleable				



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Non- Potable	SM 4500-CI G			22nd Ed	2011	20081418	Chlorine (Residual) - DPD Colorimetric Method
Water		1945	Residual free chlorine				
		1940	Total residual chlorine				
	SM 4500-CI G			23rd Ed	2011	20081441	Chlorine (Residual) - DPD Colorimetric Method
		1945	Residual free chlorine				
		1940	Total residual chlorine			14	
	SM 4500-H+ B	1900	NP NI	22nd Ed	2011	20105015	pH Value - Electrometric Method
	SM 4500-H+ B	1900	рН	23rd ED	2011	20105037	pH Value - Electrometric Method
	3WI 4300-H+ B	1900	рН	2310 ED	2011	20105037	pri value - Electrometric Metriod
	SM 5210 B	2		22nd ED	2011	20135017	Biochemical Oxygen Demand (BOD) 5-Day
		1530	Biochemical oxygen demand				7 4
		1555	Carbonaceous BOD, CBOD				
	SM 5220 D		1.	22nd ED	2011	20136612	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
		1565	Chemical oxygen demand				
	SM <mark>5220 D-</mark> 2011			2011		20136816	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
		1565	Chemical oxygen demand				
	SM 9215 B (PCA)			22nd	2004	20180147	Heterotr <mark>ophic</mark> Plate Count - Pour Plate Method
	1	2555	Heterotrophic plate count			1	par /
	SM 9221 B (LTB) + C	P		22nd	2006	20187228	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
	MPN	2500	Total coliforms			0	100
	SM 9221 B (LTB) + E (EC) + C MPN	20	Ċ.	22nd	2006	20189020	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
		2530	Fecal coliforms		-10		
	SM 9222 D (m-FC)	1	SOIT	22nd	2010	20209818	Membrane Filtration Quantitative (m-FC): Fecal Coliform
		2530	Fecal coliforms	111-			
	SM 9223 B (Colilert		CARREN .	22nd Ed	2004	20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
	Quanti-Tray)- 2004	2525	Escherichia coli				
		2500	Total coliforms				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non- Potable Water	SM 9223 B (Colilert-18 Quanti-Tray)- 2004	2525 2500	Escherichia coli Total coliforms	22nd ED	2004	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
			AP	RECO	GA	U.U.	
		2	<i>the</i>			P.	
		P				3	
		and a	RED	TATIO	NB	0	
			A REAL	TAIL	TTT		