



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

PO Box 488 • Manchester, WA 98353-0488 • (360) 871-8840

September 10, 2019

Elizabeth Bunger
BSK Associates - Vancouver
2517 E Evergreen Blvd
Vancouver, WA 98661

Dear Elizabeth Bunger:

Thank you for your application for renewal in the Environmental Laboratory Accreditation Program. Enclosed is a new Certificate of Accreditation covering the one-year period beginning September 13, 2019 and a current Scope of Accreditation.

Congratulations on your excellent work! Based on PT Study results submitted since your last renewal, full accreditation is warranted for all applicable parameters. Accreditation for COD by SM 5220 D has been withdrawn as per your request.

Continued participation in the Ecology Lab Accreditation Program requires the lab to:

- Submit a renewal application and fees annually
- Report significant changes in facility, personnel, analytical methods, equipment, the lab's quality assurance (QA) manual or QA procedures as they occur
- Participate in chemistry proficiency testing studies semi-annually.
If all PTs are acceptable for a parameter in the initial year of accreditation, you are required to complete a single PT in the next renewal year. The reduced PT requirement applies as long as there are no unacceptable results. An unacceptable result reinstates the requirement of two acceptable PTs in the next renewal year.
- Participate in microbiology proficiency testing studies with acceptable results annually.
- Submit copies of current third-party Certificates and Scopes of Accreditation when they are available.

If you have any questions concerning the accreditation of your lab, please contact Aimee Bennett at (360) 871-8842, fax (360) 871-8849, or by e-mail at aimee.bennett@ecy.wa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Rebecca Wood".

Rebecca Wood
Lab Accreditation Unit Supervisor

The State of
Department



Washington
of Ecology

BSK Associates - Vancouver
Vancouver, WA

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation. This certificate is effective September 13, 2019 and shall expire September 12, 2020.

Witnessed under my hand on September 10, 2019

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
C824

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

BSK Associates - Vancouver

Vancouver, WA

is accredited for the analytes listed below using the methods indicated. Full accreditation is granted unless stated otherwise in a note. EPA is the U.S. Environmental Protection Agency. SM is "Standard Methods for the Examination of Water and Wastewater." SM refers to EPA approved method versions. ASTM is the American Society for Testing and Materials. USGS is the U.S. Geological Survey. AOAC is the Association of Official Analytical Chemists. Other references are described in notes.

Matrix/Analyte	Method	Notes
<i>Drinking Water</i>		
Chloride	EPA 300.0_2.1_1993	1
Fluoride	EPA 300.0_2.1_1993	1
Nitrate	EPA 300.0_2.1_1993	1
Nitrate + Nitrite	EPA 300.0_2.1_1993	1
Nitrite	EPA 300.0_2.1_1993	1
Orthophosphate	EPA 300.0_2.1_1993	1
Sulfate	EPA 300.0_2.1_1993	1
Orthophosphate	EPA 365.3_1978	1
Color	SM 2120 B-2011	1
Turbidity	SM 2130 B-2011	1
Alkalinity	SM 2320 B-2011	1
Specific Conductance	SM 2510 B-2011	1
Solids, Total Dissolved	SM 2540 C-2011	1
Chlorine (Residual), Free	SM 4500-Cl G-2011	1
Chlorine (Residual), Total	SM 4500-Cl G-2011	1
pH	SM 4500-H+ B-2011	1
Heterotrophic Bacteria	SM 9215 B (PCA)	1
Fecal coliform-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	1
Total coliforms-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	1
Total coli/E.coli - detect	SM 9223 B Colilert 18® (PA)	1

Matrix/Analyte	Method	Notes
<i>Drinking Water</i>		
E.coli-count	SM 9223 B Colilert 18® QTray®	1
Total coliforms-count	SM 9223 B Colilert 18® QTray®	1
Total coli/E.coli - detect	SM 9223 B Colilert® 24 (PA)	1
E.coli-count	SM 9223 B Colilert® 24 QTray®	1
Total coliforms-count	SM 9223 B Colilert® 24 QTray®	1
<i>Non-Potable Water</i>		
Chloride	EPA 300.0_2.1_1993	1
Fluoride	EPA 300.0_2.1_1993	1
Nitrate	EPA 300.0_2.1_1993	1
Nitrate + Nitrite	EPA 300.0_2.1_1993	1
Nitrite	EPA 300.0_2.1_1993	1
Orthophosphate	EPA 300.0_2.1_1993	1
Sulfate	EPA 300.0_2.1_1993	1
Orthophosphate	EPA 365.3_1978	1
Phosphorus, Total	EPA 365.3_1978	1
Color	SM 2120 B-2011	1
Turbidity	SM 2130 B-2011	1
Alkalinity	SM 2320 B-2011	1
Specific Conductance	SM 2510 B-2011	1
Solids, Total	SM 2540 B-2011	1
Solids, Total Dissolved	SM 2540 C-2011	1
Solids, Total Suspended	SM 2540 D-2011	1
Solids, Settleable	SM 2540 F-2011	1
Chlorine (Residual), Free	SM 4500-Cl G-2011	1
Chlorine (Residual), Total	SM 4500-Cl G-2011	1
pH	SM 4500-H+ B-2011	1
Biochemical Oxygen Demand (BOD)	SM 5210 B-2011	1
Carbonaceous BOD (CBOD)	SM 5210 B-2011	1
Heterotrophic Bacteria	SM 9215 B (PCA)	1
Fecal coliform-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	1

Matrix/Analyte	Method	Notes
Non-Potable Water		
Total coliforms-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	1
Fecal coliform-count	SM 9222 D (mFC)-06	1
E.coli-count	SM 9223 B Colilert 18® QTray®	1
Total coliforms-count	SM 9223 B Colilert 18® QTray®	1
E.coli-count	SM 9223 B Colilert® 24 QTray®	1
Total coliforms-count	SM 9223 B Colilert® 24 QTray®	1
Solid and Chemical Materials		
Diesel range organics (DRO)	WDOE NWTPH-Dx_(1997)	1

Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of ORELAP accreditation.



Authentication Signature
Rebecca Wood, Lab Accreditation Unit Supervisor

09/10/2019

Date

Parameters Not Accredited

BSK Associates - Vancouver

Vancouver, WA

Analyte	Method	Notes	Matrix
Chemical Oxygen Demand (COD)	SM 5220 D-2011	a	N

Denied Parameter Accreditation Footnotes

(a) Withdrawn at laboratory request.

Matrix Definitions - D = Drinking Water; N = Non-potable Water; S = Solid and Chemical Material; A = Air and Emissions.