



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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

September 11, 2020

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. Attached is a Certificate of Accreditation covering the one-year period beginning September 13, 2020 and a current Scope of Accreditation.

The following parameters have been placed in provisional status because the most recent of two or more PT results submitted over the past accreditation year (September 13, 2019 through September 12, 2020), were unacceptable:

Chloride by EPA Method 300.0_2.1_1993, in Drinking Water
Sulfate by EPA Method 300.0_2.1_1993, in Drinking Water
Heterotrophic Bacteria by SM 9215B (PCA), in Drinking Water
Total coli/E.coli-detect by SM 9223B Colilert 18® (PA), in Drinking Water
Total coli/E.coli-detect by SM 9223B Colilert® 24 (PA), in Drinking Water
Specific Conductance by SM 2510B-2011, in Non-Potable Water
Heterotrophic Bacteria by SM 9215B (PCA), in Non-Potable Water

Please note that for all parameters currently in provisional status, two acceptable PT results must be submitted prior to the next renewal. Provisional status in drinking water matrix should be resolved within 90 days.

If the lab is accredited for biological counts in drinking water matrix, then the lab should submit a 10 sample set reporting presence absence in that method, in addition to a single sample enumeration. Note-report only as presence absence in the ten sample set.

Renewal of accreditation is based in part on review of your lab's performance over the past year as evidenced by participation in proficiency testing (PT) studies. In general, full accreditation is awarded for those parameters for which the two most recent PT results, if applicable, were rated satisfactory. Provisional accreditation is awarded if the latest of the two most recent PT results was rated "Not Acceptable" or only one PT result was submitted during the past twelve months. Accreditation is withheld for those parameters for which the two most recent PT results were rated "Not Acceptable" or no PT results were submitted during the past twelve-months.

As a reminder, 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 proficiency testing studies semi-annually, with the following exception: For each parameter where all PT results were satisfactory, you are required to submit only one PT result over this next year, and in subsequent years, as long as the results are satisfactory.**
- Submit copies of current third-party Scopes of Accreditation when they are available.

YOUR RIGHT TO APPEAL

You have a right to appeal Ecology's decision to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this decision letter. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do the following within 30 days of the date of receipt of this decision:

- File your appeal and a copy of this decision with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this decision on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

ADDRESS AND LOCATION INFORMATION

Street Addresses	Mailing Addresses
<p>Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503</p> <p>Pollution Control Hearings Board 1111 Israel Road SW STE 301 Tumwater, WA 98501</p>	<p>Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608</p> <p>Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903</p>

If you have any questions concerning the accreditation of your lab, please contact Rebecca Wood at (360) 871-8811, fax (360) 871-8849, or by e-mail at rebecca.wood@ecy.wa.gov.

Sincerely,



Rebecca Wood
Lab Accreditation Unit Supervisor

RW:RW:rw
Enclosures

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, 2020 and shall expire September 12, 2021.

Witnessed under my hand on September 11, 2020

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
Drinking Water		
Chloride	EPA 300.0_2.1_1993	1,2
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	1,2
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)	1,2
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)	1,2
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)	1,2
E.coli-count	SM 9223 B Colilert® 24 QTray®	1
Total coliforms-count	SM 9223 B Colilert® 24 QTray®	1

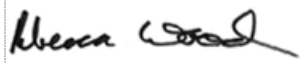
BSK Associates - Vancouver

Matrix/Analyte	Method	Notes
Non-Potable Water		
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	1,2
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)	1,2
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
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

Matrix/Analyte	Method	Notes
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Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of ORELAP accreditation.(2) Provisional accreditation pending submittal of acceptable Proficiency Testing (PT) results (WAC 173-50-110).



09/11/2020

Authentication Signature
Rebecca Wood, Lab Accreditation Unit Supervisor

Date