



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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

May 23, 2022

Amber Dichter
Brooks Applied Labs, LLC
18804 North Creek Parkway, Suite 100
Bothell, WA 98011

Dear Amber Dichter:

Thank you for your application for renewal in the Environmental Laboratory Accreditation Program. Attached is a new Certificate of Accreditation covering the one-year period beginning May 16, 2022 and a current Scope of Accreditation.

Your request for the addition of a number metals by EPA Method 200.8_5.4_1994 in Drinking Water has been issued with Interim Status pending the successful completion of an audit. Accreditation of the requested additions is based upon your accreditation of the same method/analyte combinations in Non-Potable Water, and the submission of one set of acceptable WS PT results. The one exception is magnesium by EPA Method 200.8 in Drinking Water, which has been denied because this is not an approved method/analyte combination under the Safe Drinking Water Act (SDWA).

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.**

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

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

Brooks Applied Labs, LLC
Bothell, 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 May 16, 2022 and shall expire May 15, 2023.

Witnessed under my hand on May 23, 2022

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
C888

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Brooks Applied Labs, LLC

Bothell, 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		
Aluminum	EPA 200.8_5.4_1994	4
Antimony	EPA 200.8_5.4_1994	4
Arsenic	EPA 200.8_5.4_1994	4
Barium	EPA 200.8_5.4_1994	4
Beryllium	EPA 200.8_5.4_1994	4
Boron	EPA 200.8_5.4_1994	4
Cadmium	EPA 200.8_5.4_1994	4
Chromium	EPA 200.8_5.4_1994	4
Copper	EPA 200.8_5.4_1994	4
Lead	EPA 200.8_5.4_1994	4
Manganese	EPA 200.8_5.4_1994	4
Molybdenum	EPA 200.8_5.4_1994	4
Nickel	EPA 200.8_5.4_1994	4
Selenium	EPA 200.8_5.4_1994	4
Silver	EPA 200.8_5.4_1994	4
Thallium	EPA 200.8_5.4_1994	4
Vanadium	EPA 200.8_5.4_1994	4
Zinc	EPA 200.8_5.4_1994	4
Non-Potable Water		
Methyl Mercury	EPA 1630	
Mercury	EPA 1631 E-02	
Aluminum	EPA 1638_1996	2,3
Antimony	EPA 1638_1996	2,3
Arsenic	EPA 1638_1996	2,3
Barium	EPA 1638_1996	2,3
Beryllium	EPA 1638_1996	2,3

Washington State Department of Ecology

Effective Date: 5/16/2022

Scope of Accreditation Report for Brooks Applied Labs, LLC

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Laboratory Accreditation Unit

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Scope Expires: 5/15/2023

Brooks Applied Labs, LLC

Matrix/Analyte	Method	Notes
Non-Potable Water		
Boron	EPA 1638_1996	2,3
Cadmium	EPA 1638_1996	2,3
Calcium	EPA 1638_1996	2,3
Chromium	EPA 1638_1996	2,3
Cobalt	EPA 1638_1996	2,3
Copper	EPA 1638_1996	2,3
Hardness, Total (as CaCO3)	EPA 1638_1996	2,3
Iron	EPA 1638_1996	2,3
Lead	EPA 1638_1996	2,3
Magnesium	EPA 1638_1996	2,3
Manganese	EPA 1638_1996	2,3
Molybdenum	EPA 1638_1996	2,3
Nickel	EPA 1638_1996	2,3
Selenium	EPA 1638_1996	2,3
Silver	EPA 1638_1996	2,3
Strontium	EPA 1638_1996	2,3
Thallium	EPA 1638_1996	2,3
Tin	EPA 1638_1996	2,3
Vanadium	EPA 1638_1996	2,3
Zinc	EPA 1638_1996	2,3
Aluminum	EPA 200.8_5.4_1994	
Antimony	EPA 200.8_5.4_1994	
Arsenic	EPA 200.8_5.4_1994	
Barium	EPA 200.8_5.4_1994	
Beryllium	EPA 200.8_5.4_1994	
Boron	EPA 200.8_5.4_1994	
Cadmium	EPA 200.8_5.4_1994	
Calcium	EPA 200.8_5.4_1994	
Chromium	EPA 200.8_5.4_1994	
Cobalt	EPA 200.8_5.4_1994	
Copper	EPA 200.8_5.4_1994	
Iron	EPA 200.8_5.4_1994	
Lead	EPA 200.8_5.4_1994	
Magnesium	EPA 200.8_5.4_1994	
Manganese	EPA 200.8_5.4_1994	
Molybdenum	EPA 200.8_5.4_1994	
Nickel	EPA 200.8_5.4_1994	

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Scope Expires: 5/15/2023

Brooks Applied Labs, LLC


Matrix/Analyte	Method	Notes
Non-Potable Water		
Selenium	EPA 200.8_5.4_1994	
Silver	EPA 200.8_5.4_1994	
Thallium	EPA 200.8_5.4_1994	
Tin	EPA 200.8_5.4_1994	
Uranium	EPA 200.8_5.4_1994	
Vanadium	EPA 200.8_5.4_1994	
Zinc	EPA 200.8_5.4_1994	
Solid and Chemical Materials		
Methyl Mercury	EPA 1630	1
Mercury	EPA 1631 E-02	
Aluminum	EPA 1638_1996	3
Antimony	EPA 1638_1996	3
Arsenic	EPA 1638_1996	3
Barium	EPA 1638_1996	3
Beryllium	EPA 1638_1996	3
Boron	EPA 1638_1996	3
Cadmium	EPA 1638_1996	3
Calcium	EPA 1638_1996	3
Chromium	EPA 1638_1996	3
Cobalt	EPA 1638_1996	3
Copper	EPA 1638_1996	3
Iron	EPA 1638_1996	3
Lead	EPA 1638_1996	3
Magnesium	EPA 1638_1996	3
Manganese	EPA 1638_1996	3
Molybdenum	EPA 1638_1996	3
Nickel	EPA 1638_1996	3
Selenium	EPA 1638_1996	3
Silver	EPA 1638_1996	3
Strontium	EPA 1638_1996	3
Thallium	EPA 1638_1996	3
Tin	EPA 1638_1996	3
Vanadium	EPA 1638_1996	3
Zinc	EPA 1638_1996	3
Aluminum	EPA 200.8_5.4_1994	
Antimony	EPA 200.8_5.4_1994	
Arsenic	EPA 200.8_5.4_1994	

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Barium	EPA 200.8_5.4_1994	
Beryllium	EPA 200.8_5.4_1994	
Boron	EPA 200.8_5.4_1994	
Cadmium	EPA 200.8_5.4_1994	
Calcium	EPA 200.8_5.4_1994	
Chromium	EPA 200.8_5.4_1994	
Cobalt	EPA 200.8_5.4_1994	
Copper	EPA 200.8_5.4_1994	
Iron	EPA 200.8_5.4_1994	
Lead	EPA 200.8_5.4_1994	
Magnesium	EPA 200.8_5.4_1994	
Manganese	EPA 200.8_5.4_1994	
Molybdenum	EPA 200.8_5.4_1994	
Nickel	EPA 200.8_5.4_1994	
Selenium	EPA 200.8_5.4_1994	
Silver	EPA 200.8_5.4_1994	
Thallium	EPA 200.8_5.4_1994	
Tin	EPA 200.8_5.4_1994	
Vanadium	EPA 200.8_5.4_1994	
Zinc	EPA 200.8_5.4_1994	
Aluminum	EPA 6020B_(7/14)	
Antimony	EPA 6020B_(7/14)	
Arsenic	EPA 6020B_(7/14)	
Barium	EPA 6020B_(7/14)	
Beryllium	EPA 6020B_(7/14)	
Boron	EPA 6020B_(7/14)	
Cadmium	EPA 6020B_(7/14)	
Calcium	EPA 6020B_(7/14)	
Chromium	EPA 6020B_(7/14)	
Cobalt	EPA 6020B_(7/14)	
Copper	EPA 6020B_(7/14)	
Iron	EPA 6020B_(7/14)	
Lead	EPA 6020B_(7/14)	
Magnesium	EPA 6020B_(7/14)	
Manganese	EPA 6020B_(7/14)	
Molybdenum	EPA 6020B_(7/14)	
Nickel	EPA 6020B_(7/14)	

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Selenium	EPA 6020B_(7/14)	
Silver	EPA 6020B_(7/14)	
Strontium	EPA 6020B_(7/14)	
Thallium	EPA 6020B_(7/14)	
Tin	EPA 6020B_(7/14)	
Vanadium	EPA 6020B_(7/14)	
Zinc	EPA 6020B_(7/14)	

Accredited Parameter Note Detail

(1) Lab is also accredited for their modified version of EPA Method 1630 based on the Brooks Applied Labs SOP BAL-3200. (2) Method not approved for NPDES testing. (3) Lab is also accredited for their modified version of EPA Method 1638 based on the Brooks Applied Labs SOP BAL-5000 .(4) Interim accreditation pending the successful completion of an on-site audit to verify method capabilities (WAC 173-50-100).



Authentication Signature
Rebecca Wood, Lab Accreditation Unit Supervisor

05/23/2022

Date