



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 488 • Manchester, WA 98353-0488 • (360) 871-8840

August 15, 2023

Phuc Ha
Benton-Franklin Health District Lab
7102 W Okanogan Place
Kennewick, WA 99336

Dear Phuc Ha:

Thank you for your application for renewal in the Environmental Laboratory Accreditation Program. Attached is a new Certificate of Accreditation and a current Scope of Accreditation covering the one-year period beginning August 24, 2023.

Fecal coliform –count by SM 9221 B+E1+C (LTB/BGB/EC-MPN) in Solid and Chemical Materials has been withdrawn at your request.

The following parameters remain in interim status pending a laboratory audit:

TKN by Hach 10242 in Non-Potable Water

Nitrate + Nitrite by Hach 10206 in Non-Potable Water

Nitrite by Hach 8507 in Non-Potable Water

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; and
- 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:

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503
Pollution Control Hearings Board
1111 Israel RD SW
STE 301
Tumwater, WA 98501

Mailing Addresses:

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608
Pollution Control Hearings Board
PO Box 40903
Olympia, WA 98504-0903

E-Mail Address:

Department of Ecology
Not currently available (see WAC 371-08)
Pollution Control Hearings Board
Pchb-shbappeals@eluh0.wa.gov

If you have any questions concerning the accreditation of your lab, please contact Ruth Powers-Piccone at (360) 280-9288, or by e-mail at rp461@ecy.wa.gov.

Sincerely,



Rebecca Wood
Lab Accreditation Unit Supervisor

RW:RW:rw
Enclosures

The State of
Department



Washington
of Ecology

Benton-Franklin Health District Lab
Kennewick, 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 August 24, 2023 and shall expire August 23, 2024.

Witnessed under my hand on August 15, 2023.

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
H408

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Benton-Franklin Health District Lab

Kennewick, 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		
Hardness, Total (as CaCO ₃)	SM 2340 C-2011	
Specific Conductance	SM 2510 B-2011	
Chlorine (Residual), Total	SM 4500-Cl G-2011	
Fluoride	SM 4500-F ⁻ C-2011	
pH	SM 4500-H+ B-2011	
Nitrate	SM 4500-NO ₃ ⁻ D-2011	
Heterotrophic Bacteria	SM 9215 B (PCA)	
Fecal coliform-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
Total coliforms-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
Total coli/E.coli - detect	SM 9223 B Colilert 18® (PA)	
E.coli-count	SM 9223 B Colilert 18® QTray®	
Total coliforms-count	SM 9223 B Colilert 18® QTray®	
Total coli/E.coli - detect	SM 9223 B Colilert® 24 (PA)	
E.coli-count	SM 9223 B Colilert® 24 QTray®	
Total coliforms-count	SM 9223 B Colilert® 24 QTray®	
Total coli/E.coli - detect	SM 9223 B Colisure® (PA)	
Non-Potable Water		
Chloride	ASTM D512-04C	
Solids, Total Volatile	EPA 160.4_1971	
Nitrate + Nitrite	HACH 10206	4
Nitrogen, Total Kjeldahl	Hach 10242	4
Nitrite	HACH 8507	4
Hardness, Total (as CaCO ₃)	SM 2340 C-2011	
Specific Conductance	SM 2510 B-2011	
Solids, Total Dissolved	SM 2540 C-2011	

Benton-Franklin Health District Lab

Matrix/Analyte	Method	Notes
Non-Potable Water		
Solids, Total Suspended	SM 2540 D-2011	
Chlorine (Residual), Total	SM 4500-Cl G-2011	
pH	SM 4500-H+ B-2011	
Ammonia	SM 4500-NH ₃ D-2011	
Nitrate	SM 4500-NO ₃ ⁻ D-2011	
Dissolved Oxygen	SM 4500-O G-2011	
Orthophosphate	SM 4500-P E-2011	
Phosphorus, total	SM 4500-P E-2011	2
Biochemical Oxygen Demand (BOD)	SM 5210 B-2011	
Carbonaceous BOD (CBOD)	SM 5210 B-2011	
Chemical Oxygen Demand (COD)	SM 5220 D-2011	1
Fecal coliform-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
Total coliforms-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
E.coli-count	SM 9223 B Colilert 18® QTray®	
Total coliforms-count	SM 9223 B Colilert 18® QTray®	
E.coli-count	SM 9223 B Colilert® 24 QTray®	
Total coliforms-count	SM 9223 B Colilert® 24 QTray®	

Accredited Parameter Note Detail

(1) Hach 8000. (2) Hach 8190, includes both Total Phosphorus and Reactive Phosphorus. (3) Number preserved for place-holding. (4) Interim accreditation pending the successful completion of an on-site audit to verify method capabilities (WAC 173-50-100).



08/15/2023

Authentication Signature

Date

Rebecca Wood, Lab Accreditation Unit Supervisor