



STATE OF WASHINGTON

**DEPARTMENT OF ECOLOGY**

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

August 24, 2022

Jillian Legard  
Benton-Franklin Health District Lab  
7102 W Okanogan Place  
Kennewick, WA 99336

Dear Jillian Legard:

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 a one-year period beginning August 24, 2022.

**The following parameters will need two successful PTs completed before August 24, 2023 due to a failed PT in this accreditation year:**

**Total coliform –count by SM 9221 B+E1+C in Non-potable water**  
**Fecal coliform –count by SM 9221 B+E1+C in Non-potable water**

**After review of supporting documentation submitted by the laboratory, provisional status has been removed from the following parameters. These parameters remain in interim status pending a laboratory audit. Please see the accompanying technical reports for more detail.**

**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**

**The following parameters have been withdrawn at the request of the laboratory:**

**Total coliform –count by SM 9223 Colisure Qtray in Non-potable water**  
**E. coli –count by SM 9223 Colisure Qtray in Non-potable water**

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 for the past accreditation year, you are required to submit only one PT result over this next year, and in subsequent years, as long as the results are satisfactory.

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 [rpic461@ecy.wa.gov](mailto:rpic461@ecy.wa.gov).

Sincerely,

A handwritten signature in black ink that reads "Rebecca Wood". The signature is written in a cursive style with a long, sweeping tail on the "d".

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, 2022 and shall expire August 23, 2023.

Witnessed under my hand on August 23, 2022.

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
<b>Drinking Water</b>		
Hardness, Total (as CaCO <sub>3</sub> )	SM 2340 C-2011	
Specific Conductance	SM 2510 B-2011	
Chlorine (Residual), Total	SM 4500-Cl G-2011	
Fluoride	SM 4500-F <sup>-</sup> C-2011	
pH	SM 4500-H+ B-2011	
Nitrate	SM 4500-NO <sub>3</sub> <sup>-</sup> 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)	
<b>Non-Potable Water</b>		
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 <sub>3</sub> )	SM 2340 C-2011	
Specific Conductance	SM 2510 B-2011	
Solids, Total Dissolved	SM 2540 C-2011	
Solids, Total Suspended	SM 2540 D-2011	

Washington State Department of Ecology

Laboratory Accreditation Unit

Effective Date: 8/24/2022

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Scope of Accreditation Report for Benton-Franklin Health District Lab

Scope Expires: 8/23/2023

H408-22

Benton-Franklin Health District Lab

Matrix/Analyte	Method	Notes
<b>Non-Potable Water</b>		
Chlorine (Residual), Total	SM 4500-Cl G-2011	
pH	SM 4500-H+ B-2011	
Ammonia	SM 4500-NH3 D-2011	
Nitrate	SM 4500-NO3 <sup>-</sup> D-2011	4
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®	
<b>Solid and Chemical Materials</b>		
Fecal coliform-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	

**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).



08/24/2022

Authentication Signature  
 Rebecca Wood, Lab Accreditation Unit Supervisor

Date