

The State of  
Department



Washington  
of Ecology

**Tshimakain Creek Laboratories**  
**Spokane Valley, 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 November 22, 2022 and shall expire November 21, 2023.

Witnessed under my hand on November 18, 2022.

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Rebecca Wood  
Lab Accreditation Unit Supervisor

Laboratory ID  
**T975**

# WASHINGTON STATE DEPARTMENT OF ECOLOGY

## ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

### SCOPE OF ACCREDITATION

#### Tshimakain Creek Laboratories

#### Spokane Valley, 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>		
Chloride	EPA 300.0_2.1_1993	
Fluoride	EPA 300.0_2.1_1993	
Nitrate	EPA 300.0_2.1_1993	
Nitrite	EPA 300.0_2.1_1993	
Orthophosphate	EPA 300.0_2.1_1993	
Sulfate	EPA 300.0_2.1_1993	
Turbidity	SM 2130 B-2011	
Alkalinity	SM 2320 B-2011	
Specific Conductance	SM 2510 B-2011	
Solids, Total Dissolved	SM 2540 C-2011	
pH	SM 4500-H+ B-2011	
Fecal coliform-count	SM 9222 D (mFC)-06	
Total coli/E.coli - detect	SM 9223 B Colilert® 24 (PA)	
<b>Non-Potable Water</b>		
Chloride	EPA 300.0_2.1_1993	
Fluoride	EPA 300.0_2.1_1993	
Nitrate	EPA 300.0_2.1_1993	
Nitrite	EPA 300.0_2.1_1993	
Orthophosphate	EPA 300.0_2.1_1993	
Sulfate	EPA 300.0_2.1_1993	3
Turbidity	SM 2130 B-2011	
Alkalinity	SM 2320 B-2011	
Specific Conductance	SM 2510 B-2011	
Solids, Total Dissolved	SM 2540 C-2011	
Solids, Total Suspended	SM 2540 D-2011	
pH	SM 4500-H+ B-2011	

Washington State Department of Ecology

Effective Date: 11/22/2022

Scope of Accreditation Report for Tshimakain Creek Laboratories

T975-22

Laboratory Accreditation Unit

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Scope Expires: 11/21/2023



Tshimakain Creek Laboratories

Matrix/Analyte	Method	Notes
<b>Non-Potable Water</b>		
Ammonia	SM 4500-NH3 H-2011	3
Nitrogen, Total Persulfate	SM 4500-NO3 <sup>-</sup> I-00	1,2
Orthophosphate	SM 4500-P F-2011	
Phosphorus, Total	SM 4500-P F-2011	
Fecal coliform-count	SM 9222 D (mFC)-06	
E.coli-count	SM 9222 D+G (mFC/NA Mug)	

**Accredited Parameter Note Detail**

(1) Persulfate digestion. (2) Method not approved for NPDES testing. (3) Provisional accreditation pending submittal of two acceptable Proficiency Testing (PT) results (WAC 173-50-110).



11/18/2022

Authentication Signature  
Rebecca Wood, Lab Accreditation Unit Supervisor

Date