

# WASHINGTON STATE DEPARTMENT OF ECOLOGY

## ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

### SCOPE OF ACCREDITATION

#### Kuo Testing Labs, Inc.

#### Othello, 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." 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>		
Color	SM 2120 B-01	2
Turbidity	SM 2130 B-01	1,2
Alkalinity	SM 2320 B-97	2
Specific Conductance	SM 2510 B-97	2
Solids, Total	SM 2540 B-97	2
Solids, Total Dissolved	SM 2540 C-97	2
Solids, Total Suspended	SM 2540 D-97	1,2
Chloride	SM 4500-Cl <sup>-</sup> B-97	2
Chloride	SM 4500-Cl <sup>-</sup> E-97	2
Fluoride	SM 4500-F <sup>-</sup> C-97	2
Nitrate	SM 4500-NO <sub>3</sub> <sup>-</sup> F-00	2
Nitrate + Nitrite	SM 4500-NO <sub>3</sub> <sup>-</sup> F-00	2
Nitrite	SM 4500-NO <sub>3</sub> <sup>-</sup> F-00	2
Orthophosphate	SM 4500-P E-99	2
Sulfate	SM 4500-SO <sub>4</sub> <sup>-</sup> E-97	2
Aluminum	EPA 200.5_4.2_2003	1
Antimony	EPA 200.5_4.2_2003	
Arsenic	EPA 200.5_4.2_2003	
Barium	EPA 200.5_4.2_2003	
Beryllium	EPA 200.5_4.2_2003	
Cadmium	EPA 200.5_4.2_2003	
Calcium	EPA 200.5_4.2_2003	1

Kuo Testing Labs, Inc.

<b>Matrix/Analyte</b>	<b>Method</b>	<b>Notes</b>
Chromium	EPA 200.5_4.2_2003	
Copper	EPA 200.5_4.2_2003	
Hardness (calc.)	EPA 200.5_4.2_2003	1
Iron	EPA 200.5_4.2_2003	
Lead	EPA 200.5_4.2_2003	
Magnesium	EPA 200.5_4.2_2003	1
Manganese	EPA 200.5_4.2_2003	
Nickel	EPA 200.5_4.2_2003	
Selenium	EPA 200.5_4.2_2003	
Sodium	EPA 200.5_4.2_2003	1
Zinc	EPA 200.5_4.2_2003	
Aluminum	EPA 200.7_4.4_1994	2
Antimony	EPA 200.7_4.4_1994	2
Arsenic	EPA 200.7_4.4_1994	2
Barium	EPA 200.7_4.4_1994	2
Beryllium	EPA 200.7_4.4_1994	2
Cadmium	EPA 200.7_4.4_1994	2
Calcium	EPA 200.7_4.4_1994	2
Chromium	EPA 200.7_4.4_1994	2
Copper	EPA 200.7_4.4_1994	2
Hardness (calc.)	EPA 200.7_4.4_1994	2
Iron	EPA 200.7_4.4_1994	2
Lead	EPA 200.7_4.4_1994	2
Magnesium	EPA 200.7_4.4_1994	2
Manganese	EPA 200.7_4.4_1994	2
Molybdenum	EPA 200.7_4.4_1994	2
Nickel	EPA 200.7_4.4_1994	2
Potassium	EPA 200.7_4.4_1994	2
Selenium	EPA 200.7_4.4_1994	2
Sodium	EPA 200.7_4.4_1994	2
Zinc	EPA 200.7_4.4_1994	2
Total Coli/Ecoli - detect	SM 9223 B (Colilert«-18) 21st ED (2005)	2
<b>Non-Potable Water</b>		
Nitrogen, Total Kjeldahl	EPA 351.2_2_1993	2
Color	SM 2120 B-01	2

Kuo Testing Labs, Inc.

<b>Matrix/Analyte</b>	<b>Method</b>	<b>Notes</b>
Turbidity	SM 2130 B-01	1,2
Alkalinity	SM 2320 B-97	2
Specific Conductance	SM 2510 B-97	2
Solids, Total	SM 2540 B-97	2
Solids, Total Dissolved	SM 2540 C-97	2
Solids, Total Suspended	SM 2540 D-97	2
Solids, Total, Fixed and Volatile	SM 2540 E-97	2
Chloride	SM 4500-Cl <sup>-</sup> B-97	2
Chloride	SM 4500-Cl <sup>-</sup> E-97	2
Fluoride	SM 4500-F <sup>-</sup> C-97	2
Ammonia	SM 4500-NH <sub>3</sub> D-97	2
Nitrate	SM 4500-NO <sub>3</sub> <sup>-</sup> F-00	2
Nitrate + Nitrite	SM 4500-NO <sub>3</sub> <sup>-</sup> F-00	2
Nitrite	SM 4500-NO <sub>3</sub> <sup>-</sup> F-00	2
Orthophosphate	SM 4500-P E-99	2
Sulfate	SM 4500-SO <sub>4</sub> <sup>-</sup> E-97	2
Chemical Oxygen Demand (COD)	SM 5220 D-97	2
Aluminum	EPA 200.5_4.2_2003	
Antimony	EPA 200.5_4.2_2003	
Arsenic	EPA 200.5_4.2_2003	
Barium	EPA 200.5_4.2_2003	
Beryllium	EPA 200.5_4.2_2003	
Cadmium	EPA 200.5_4.2_2003	
Calcium	EPA 200.5_4.2_2003	1
Chromium	EPA 200.5_4.2_2003	
Copper	EPA 200.5_4.2_2003	
Hardness (calc.)	EPA 200.5_4.2_2003	1
Iron	EPA 200.5_4.2_2003	
Lead	EPA 200.5_4.2_2003	
Magnesium	EPA 200.5_4.2_2003	1
Manganese	EPA 200.5_4.2_2003	
Nickel	EPA 200.5_4.2_2003	
Selenium	EPA 200.5_4.2_2003	
Sodium	EPA 200.5_4.2_2003	1
Zinc	EPA 200.5_4.2_2003	
Aluminum	EPA 200.7_4.4_1994	2

Matrix/Analyte	Method	Notes
Antimony	EPA 200.7_4.4_1994	2
Arsenic	EPA 200.7_4.4_1994	2
Barium	EPA 200.7_4.4_1994	2
Beryllium	EPA 200.7_4.4_1994	2
Cadmium	EPA 200.7_4.4_1994	2
Calcium	EPA 200.7_4.4_1994	2
Chromium	EPA 200.7_4.4_1994	2
Copper	EPA 200.7_4.4_1994	2
Hardness (calc.)	EPA 200.7_4.4_1994	2
Iron	EPA 200.7_4.4_1994	2
Lead	EPA 200.7_4.4_1994	2
Magnesium	EPA 200.7_4.4_1994	2
Manganese	EPA 200.7_4.4_1994	2
Molybdenum	EPA 200.7_4.4_1994	2
Nickel	EPA 200.7_4.4_1994	2
Phosphorus	EPA 200.7_4.4_1994	2
Potassium	EPA 200.7_4.4_1994	2
Selenium	EPA 200.7_4.4_1994	2
Sodium	EPA 200.7_4.4_1994	2
Thallium	EPA 200.7_4.4_1994	2
Zinc	EPA 200.7_4.4_1994	2
Fecal coliform/E.coli - count	SM 9223 B (Colilert«-18 Quanti-Tray«) 21st ED (2005)	2

**Accredited Parameter Note Detail**

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



08/29/2017

Authentication Signature

Date

Alan D. Rue, Lab Accreditation Unit Supervisor