

# WASHINGTON STATE DEPARTMENT OF ECOLOGY

## ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

### SCOPE OF ACCREDITATION

#### Pixis Labs LLC

#### Portland, OR

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>		
Chloride	EPA 300.0_2.1_1993	1
Fluoride	EPA 300.0_2.1_1993	1
Nitrate	EPA 300.0_2.1_1993	1
Nitrite	EPA 300.0_2.1_1993	1
Orthophosphate	EPA 300.0_2.1_1993	1
Sulfate	EPA 300.0_2.1_1993	1
Color	SM 2120 B-01	1
Turbidity	SM 2130 B-01	1
Alkalinity	SM 2320 B-97	1
Hardness (calc.)	SM 2340 B-97	1
Specific Conductance	SM 2510 B-97	1
Solids, Total Dissolved	SM 2540 C-97	1
Cyanide, Total	SM 4500-CN <sup>-</sup> E-99	1
Aluminum	EPA 200.7_4.4_1994	1
Barium	EPA 200.7_4.4_1994	1
Beryllium	EPA 200.7_4.4_1994	1
Calcium	EPA 200.7_4.4_1994	1
Copper	EPA 200.7_4.4_1994	1
Iron	EPA 200.7_4.4_1994	1
Magnesium	EPA 200.7_4.4_1994	1
Manganese	EPA 200.7_4.4_1994	1
Nickel	EPA 200.7_4.4_1994	1

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Matrix/Analyte	Method	Notes
Sodium	EPA 200.7_4.4_1994	1
Zinc	EPA 200.7_4.4_1994	1
Aluminum	EPA 200.8_5.4_1994	1
Antimony	EPA 200.8_5.4_1994	1
Arsenic	EPA 200.8_5.4_1994	1
Barium	EPA 200.8_5.4_1994	1
Beryllium	EPA 200.8_5.4_1994	1
Cadmium	EPA 200.8_5.4_1994	1
Chromium	EPA 200.8_5.4_1994	1
Copper	EPA 200.8_5.4_1994	1
Lead	EPA 200.8_5.4_1994	1
Manganese	EPA 200.8_5.4_1994	1
Mercury	EPA 200.8_5.4_1994	1
Nickel	EPA 200.8_5.4_1994	1
Selenium	EPA 200.8_5.4_1994	1
Silver	EPA 200.8_5.4_1994	1
Thallium	EPA 200.8_5.4_1994	1
Zinc	EPA 200.8_5.4_1994	1
Heterotrophic plate count	SM 9215 B (PCA)-00	1
Total Coli/Ecoli - count	SM 9223 B (Colilert® QTray)	1,2
Total Coli/Ecoli - detect	SM 9223 B Colilert	1
<b>Non-Potable Water</b>		
n-Hexane Extractable Material (O&G)	EPA 1664B -10 (HEM)	1
non-Polar Extractable Material (TPH)	EPA 1664B -10 (HEM)	1
Chloride	EPA 300.0_2.1_1993	1
Fluoride	EPA 300.0_2.1_1993	1
Nitrate	EPA 300.0_2.1_1993	1
Nitrite	EPA 300.0_2.1_1993	1
Orthophosphate	EPA 300.0_2.1_1993	1
Sulfate	EPA 300.0_2.1_1993	1
Chemical Oxygen Demand (COD)	EPA 410.4_2_1993	1
Turbidity	SM 2130 B-01	1
Alkalinity	SM 2320 B-97	1
Hardness (calc.)	SM 2340 B-97	1
Specific Conductance	SM 2510 B-97	1

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Matrix/Analyte	Method	Notes
Solids, Total	SM 2540 B-97	1
Solids, Total Dissolved	SM 2540 C-97	1
Solids, Total Suspended	SM 2540 D-97	1
Cyanide, Total	SM 4500-CN <sup>-</sup> E-99	1
Nitrogen, Total Kjeldahl	SM 4500-Norg B-97	1
Biochemical Oxygen Demand (BOD), Carbonaceous BOD (CBOD)	SM 5210 B-01	1
Aluminum	EPA 200.7_4.4_1994	1
Barium	EPA 200.7_4.4_1994	1
Beryllium	EPA 200.7_4.4_1994	1
Boron	EPA 200.7_4.4_1994	1
Calcium	EPA 200.7_4.4_1994	1
Cobalt	EPA 200.7_4.4_1994	1
Copper	EPA 200.7_4.4_1994	1
Iron	EPA 200.7_4.4_1994	1
Magnesium	EPA 200.7_4.4_1994	1
Manganese	EPA 200.7_4.4_1994	1
Molybdenum	EPA 200.7_4.4_1994	1
Nickel	EPA 200.7_4.4_1994	1
Potassium	EPA 200.7_4.4_1994	1
Sodium	EPA 200.7_4.4_1994	1
Tin	EPA 200.7_4.4_1994	1
Titanium	EPA 200.7_4.4_1994	1
Zinc	EPA 200.7_4.4_1994	1
Aluminum	EPA 200.8_5.4_1994	1
Antimony	EPA 200.8_5.4_1994	1
Arsenic	EPA 200.8_5.4_1994	1
Barium	EPA 200.8_5.4_1994	1
Beryllium	EPA 200.8_5.4_1994	1
Boron	EPA 200.8_5.4_1994	1
Cadmium	EPA 200.8_5.4_1994	1
Chromium	EPA 200.8_5.4_1994	1
Cobalt	EPA 200.8_5.4_1994	1
Copper	EPA 200.8_5.4_1994	1
Lead	EPA 200.8_5.4_1994	1
Manganese	EPA 200.8_5.4_1994	1
Molybdenum	EPA 200.8_5.4_1994	1

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<b>Matrix/Analyte</b>	<b>Method</b>	<b>Notes</b>
Nickel	EPA 200.8_5.4_1994	1
Selenium	EPA 200.8_5.4_1994	1
Silver	EPA 200.8_5.4_1994	1
Thallium	EPA 200.8_5.4_1994	1
Tin	EPA 200.8_5.4_1994	1
Titanium	EPA 200.8_5.4_1994	1
Zinc	EPA 200.8_5.4_1994	1
Fecal coliform-count	SM 9222 D (m-FC)-97	1
Total Coli/Ecoli - count	SM 9223 B (Colilert® QTray)	1

**Accredited Parameter Note Detail**

(1) Accreditation based in part on recognition of Oregon NELAP accreditation. (2) Includes Colilert-18 and Colilert-24.



08/25/2017

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Authentication Signature

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Date

Rebecca Wood, Acting Lab Accreditation Unit Supervisor