



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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

July 01, 2021

Derrick Tanner
Columbia Laboratories, Inc.
12423 NE Whitaker Way
Portland, OR 97230

Dear Derrick Tanner:

Thank you for your request for scope revision with the Environmental Laboratory Accreditation Program. Attached is new Scope of Accreditation effective June 25, 2021.

Beryllium by EPA 200.7_4.4_1994 in Drinking Water has been Withdrawn at laboratory request.

Based on your laboratory's most recent PT Study results, full accreditation is warranted for all applicable parameters. 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 Ryan Zboralski at (360) 871-8845, fax (360) 871-8849, or by e-mail at ryan.zboralski@ecy.wa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Rebecca Wood".

Rebecca Wood
Lab Accreditation Unit Supervisor

RW:ERZ:erz
Enclosures

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Columbia Laboratories, Inc.

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." 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		
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
Nitrate + Nitrite	EPA 353.2_2_1993	1
Turbidity	SM 2130 B-2011	1
Alkalinity	SM 2320 B-2011	1
Hardness (calc.)	SM 2340 B-2011	1
Specific Conductance	SM 2510 B-2011	1
Solids, Total Dissolved	SM 2540 C-2011	1
Cyanide, Total	SM 4500-CN ⁻ E-2011	1
Aluminum	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
Sodium	EPA 200.7_4.4_1994	1
Aluminum	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

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Matrix/Analyte	Method	Notes
Drinking Water		
Copper	EPA 200.8_5.4_1994	1
Lead	EPA 200.8_5.4_1994	1
Manganese	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
Bromoacetic acid (MBAA, BAA)	SM 6251 B-05	1
Bromochloroacetic acid (BCAA)	SM 6251 B-05	1
Chloroacetic acid (MCAA, CAA)	SM 6251 B-05	1
Dibromoacetic acid (DBAA)	SM 6251 B-05	1
Dichloroacetic acid (DCAA)	SM 6251 B-05	1
Total haloacetic acids (HAA5)	SM 6251 B-05	1
Trichloroacetic acid (TCAA)	SM 6251 B-05	1
1,1,1,2-Tetrachloroethane	EPA 524.2_4.1_1995	1
1,1,1-Trichloroethane	EPA 524.2_4.1_1995	1
1,1,2-Trichloroethane	EPA 524.2_4.1_1995	1
1,1-Dichloroethane	EPA 524.2_4.1_1995	1
1,1-Dichloroethylene	EPA 524.2_4.1_1995	1
1,1-Dichloropropene	EPA 524.2_4.1_1995	1
1,2,3-Trichlorobenzene	EPA 524.2_4.1_1995	1
1,2,3-Trichloropropane	EPA 524.2_4.1_1995	1
1,2,4-Trichlorobenzene	EPA 524.2_4.1_1995	1
1,2,4-Trimethylbenzene	EPA 524.2_4.1_1995	1
1,2-Dichlorobenzene	EPA 524.2_4.1_1995	1
1,2-Dichloroethane (Ethylene dichloride)	EPA 524.2_4.1_1995	1
1,2-Dichloropropane	EPA 524.2_4.1_1995	1
1,3,5-Trimethylbenzene	EPA 524.2_4.1_1995	1
1,3-Dichlorobenzene	EPA 524.2_4.1_1995	1
1,3-Dichloropropane	EPA 524.2_4.1_1995	1
1,4-Dichlorobenzene	EPA 524.2_4.1_1995	1
2-Chlorotoluene	EPA 524.2_4.1_1995	1
4-Chlorotoluene	EPA 524.2_4.1_1995	1
4-Isopropyltoluene (p-Cymene)	EPA 524.2_4.1_1995	1
Benzene	EPA 524.2_4.1_1995	1
Bromobenzene	EPA 524.2_4.1_1995	1

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Matrix/Analyte	Method	Notes
Drinking Water		
Bromochloromethane	EPA 524.2_4.1_1995	1
Bromodichloromethane	EPA 524.2_4.1_1995	1
Bromoform	EPA 524.2_4.1_1995	1
Chlorobenzene	EPA 524.2_4.1_1995	1
Chlorodibromomethane	EPA 524.2_4.1_1995	1
Chloroethane (Ethyl chloride)	EPA 524.2_4.1_1995	1
Chloroform	EPA 524.2_4.1_1995	1
cis-1,2-Dichloroethylene	EPA 524.2_4.1_1995	1
cis-1,3-Dichloropropene	EPA 524.2_4.1_1995	1
Dibromomethane	EPA 524.2_4.1_1995	1
Dichlorodifluoromethane (Freon-12)	EPA 524.2_4.1_1995	1
Dichloromethane (DCM, Methylene chloride)	EPA 524.2_4.1_1995	1
Ethylbenzene	EPA 524.2_4.1_1995	1
Hexachlorobutadiene	EPA 524.2_4.1_1995	1
Isopropylbenzene	EPA 524.2_4.1_1995	1
m+p-xylene	EPA 524.2_4.1_1995	1
Methyl bromide (Bromomethane)	EPA 524.2_4.1_1995	1
Methyl chloride (Chloromethane)	EPA 524.2_4.1_1995	1
Methyl tert-butyl ether (MTBE)	EPA 524.2_4.1_1995	1
Naphthalene	EPA 524.2_4.1_1995	1
n-Butylbenzene	EPA 524.2_4.1_1995	1
n-Propylbenzene	EPA 524.2_4.1_1995	1
o-Xylene	EPA 524.2_4.1_1995	1
sec-Butylbenzene	EPA 524.2_4.1_1995	1
Styrene	EPA 524.2_4.1_1995	1
tert-Butylbenzene	EPA 524.2_4.1_1995	1
Toluene	EPA 524.2_4.1_1995	1
Total Trihalomethanes	EPA 524.2_4.1_1995	1
trans-1,3-Dichloropropylene	EPA 524.2_4.1_1995	1
Trichloroethene (Trichloroethylene)	EPA 524.2_4.1_1995	1
Trichlorofluoromethane (Freon 11)	EPA 524.2_4.1_1995	1
Vinyl chloride	EPA 524.2_4.1_1995	1
Xylene (total)	EPA 524.2_4.1_1995	1
Heterotrophic Bacteria	SM 9215 B (PCA)	1
Total coli/E.coli - detect	SM 9223 B Colilert 18® (PA)	1
E.coli-count	SM 9223 B Colilert 18® QTray®	1
Total coliforms-count	SM 9223 B Colilert 18® QTray®	1

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Matrix/Analyte	Method	Notes
Drinking Water		
Total coli/E.coli - detect	SM 9223 B Colilert® 24 (PA)	1
E.coli-count	SM 9223 B Colilert® 24 QTray®	1
Total coliforms-count	SM 9223 B Colilert® 24 QTray®	1
Total Coli/Ecoli - detect	SM 9223 B Colisure	1
Non-Potable Water		
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
Ammonia	EPA 350.1_2_1993	1
Nitrogen, Total Kjeldahl	EPA 351.2_2_1993	1,2
Nitrate + Nitrite	EPA 353.2_2_1993	1
Phosphorus, Total	EPA 365.1_2_1993	1
Chemical Oxygen Demand (COD)	EPA 410.4_2_1993	1
Turbidity	SM 2130 B-2011	1
Alkalinity	SM 2320 B-2011	1
Hardness (calc.)	SM 2340 B-2011	1
Specific Conductance	SM 2510 B-2011	1
Solids, Total	SM 2540 B-2011	1
Solids, Total Dissolved	SM 2540 C-2011	1
Solids, Total Suspended	SM 2540 D-2011	1
Cyanide, Total	SM 4500-CN ⁻ E-2011	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
Boron	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
Potassium	EPA 200.7_4.4_1994	1

Matrix/Analyte	Method	Notes
Non-Potable Water		
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
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
Nickel	EPA 200.8_5.4_1994	1
Selenium	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 (mFC)-06	1
E.coli-count	SM 9223 B Colilert 18® QTray®	1
Total coliforms-count	SM 9223 B Colilert 18® QTray®	1
E.coli-count	SM 9223 B Colilert® 24 QTray®	1
Total coliforms-count	SM 9223 B Colilert® 24 QTray®	1

Accredited Parameter Note Detail

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



07/01/2021

Authentication Signature
 Rebecca Wood, Lab Accreditation Unit Supervisor

Date