



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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

April 11, 2017

Mr. Brad Barfuss
Energy Northwest Environmental Services Lab
350 Hills Street Suite 107
Richland, WA 99354

Dear Mr. Barfuss:

Thank you for your application for renewal in the Environmental Laboratory Accreditation Program. Enclosed is a new Certificate of Accreditation covering the one-year period beginning April 12, 2017 and a current Scope of Accreditation.

Congratulations on your excellent work! Based on PT Study results submitted since your last renewal, 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, 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 me at (360) 871-8844, fax (360) 871-8849, or by e-mail at alan.rue@ecy.wa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan D. Rue".

Alan D. Rue
Lab Accreditation Unit Supervisor

ADR:adr
Enclosures

The State of
Department



Washington
of Ecology

Energy Northwest Environmental Services Lab
Richland, 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 April 12, 2017 and shall expire April 11, 2018.

Witnessed under my hand on April 11, 2017

Alan D. Rue
Lab Accreditation Unit Supervisor

Laboratory ID
C866

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Energy Northwest Environmental Services Lab

Richland, 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
Drinking Water		
Chloride	EPA 300.0_2.1_1993	
Fluoride	EPA 300.0_2.1_1993	
Nitrate	EPA 300.0_2.1_1993	
Nitrate + Nitrite	EPA 300.0_2.1_1993	
Nitrite	EPA 300.0_2.1_1993	
Sulfate	EPA 300.0_2.1_1993	
Total Organic Carbon	SM 5310 B-00	
Aluminum	EPA 200.8_5.4_1994	
Antimony	EPA 200.8_5.4_1994	
Arsenic	EPA 200.8_5.4_1994	
Barium	EPA 200.8_5.4_1994	
Beryllium	EPA 200.8_5.4_1994	
Cadmium	EPA 200.8_5.4_1994	
Chromium	EPA 200.8_5.4_1994	
Copper	EPA 200.8_5.4_1994	
Lead	EPA 200.8_5.4_1994	
Manganese	EPA 200.8_5.4_1994	
Nickel	EPA 200.8_5.4_1994	
Selenium	EPA 200.8_5.4_1994	
Silver	EPA 200.8_5.4_1994	
Thallium	EPA 200.8_5.4_1994	
Zinc	EPA 200.8_5.4_1994	

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Matrix/Analyte	Method	Notes
Non-Potable Water		
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	
Sulfate	EPA 300.0_2.1_1993	
Chemical Oxygen Demand (COD)	EPA 410.4_2_1993	
Turbidity	SM 2130 B-01	
Alkalinity	SM 2320 B-97	
Specific Conductance	SM 2510 B-97	
Solids, Total Dissolved	SM 2540 C-97	
Solids, Total Suspended	SM 2540 D-97	
Chromium, Hexavalent	SM 3500-Cr B-09	
pH	SM 4500-H+ B-00	
Ammonia	SM 4500-NH3 D-97	
Orthophosphate	SM 4500-P E-99	
Phosphorus, Total	SM 4500-P E-99	
Total Organic Carbon	SM 5310 B-00	
Aluminum	EPA 200.8_5.4_1994	
Antimony	EPA 200.8_5.4_1994	
Arsenic	EPA 200.8_5.4_1994	
Barium	EPA 200.8_5.4_1994	
Beryllium	EPA 200.8_5.4_1994	
Cadmium	EPA 200.8_5.4_1994	
Calcium	EPA 200.8_5.4_1994	
Chromium	EPA 200.8_5.4_1994	
Cobalt	EPA 200.8_5.4_1994	
Copper	EPA 200.8_5.4_1994	
Iron	EPA 200.8_5.4_1994	
Lead	EPA 200.8_5.4_1994	
Magnesium	EPA 200.8_5.4_1994	
Manganese	EPA 200.8_5.4_1994	
Molybdenum	EPA 200.8_5.4_1994	
Nickel	EPA 200.8_5.4_1994	
Potassium	EPA 200.8_5.4_1994	

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Matrix/Analyte	Method	Notes
Selenium	EPA 200.8_5.4_1994	
Silver	EPA 200.8_5.4_1994	
Sodium	EPA 200.8_5.4_1994	
Thallium	EPA 200.8_5.4_1994	
Tin	EPA 200.8_5.4_1994	
Titanium	EPA 200.8_5.4_1994	
Vanadium	EPA 200.8_5.4_1994	
Zinc	EPA 200.8_5.4_1994	
Gross Alpha	SM 7110 B-00	
Gross Beta	SM 7110 B-00	
Cesium 137	SM 7120 B	
Cesium-134	SM 7120 B	
Gamma Emitters	SM 7120 B	
Tritium	SM 7500-3H B	
Solid and Chemical Materials		
Cesium 137	SM 7120 B	
Cesium-134	SM 7120 B	
Gamma Emitters	SM 7120 B	

Accredited Parameter Note Detail



04/11/2017

Authentication Signature

Date

Alan D. Rue, Lab Accreditation Unit Supervisor