



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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

April 9, 2015

Ms. Elisa Nguyen
Energy Northwest Environmental Services Lab
350 Hills Street Suite 107
Richland, WA 99354

Dear Ms. Nguyen:

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, 2015 and a current Scope of Accreditation.

Renewal of accreditation is based in part on review of your lab's performance over the past year as evidenced by participation in proficiency testing (PT) studies.

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.

YOUR RIGHT TO APPEAL

You have a right to appeal Ecology's decision to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this decision letter. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do the following within 30 days of the date of receipt of this decision:

- File your appeal and a copy of this decision with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
• Serve a copy of your appeal and this decision on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

ADDRESS AND LOCATION INFORMATION

Table with 2 columns: Street Addresses, Mailing Addresses. Both contain Department of Ecology, Attn: Appeals Processing Desk.

300 Desmond Drive SE
Lacey, WA 98503

Pollution Control Hearings Board
1111 Israel Road SW
STE 301
Tumwater, WA 98501

PO Box 47608
Olympia, WA 98504-7608

Pollution Control Hearings Board
PO Box 40903
Olympia, WA 98504-0903

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,



Alan D. Rue
Lab Accreditation Unit Supervisor

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, 2015 and shall expire April 11, 2016.

Witnessed under my hand on April 9, 2015

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. Accreditation for U.S. Environmental Protection Agency (EPA) "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846) is for the latest version of the method. SM refers to EPA approved editions of "Standard Methods for the Examination of Water and Wastewater." ASTM is the American Society for Testing and Materials. 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 | |

Energy Northwest Environmental Services Lab

| 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 | |
| Boron | 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 | |

Energy Northwest Environmental Services Lab

| Matrix/Analyte | Method | Notes |
|-------------------------------------|--------------------|-------|
| Potassium | EPA 200.8_5.4_1994 | |
| 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



04/09/2015

Authentication Signature
Alan D. Rue, Lab Accreditation Unit Supervisor

Date