



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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

July 25, 2016

Mr. Brad Barfuss
Energy NW Environmental (PPL) Lab
PO Box 968, MD 1025
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 August 8, 2016 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. **Several analytes in the solids matrix have been denied because there is no evidence of acceptable PT completion in the past year.**

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 chemistry proficiency testing studies semi-annually.
Except for each parameter where PT results in the previous renewal year were all satisfactory, then you are required to complete only one PT in this next renewal year. The reduced PT requirement is applicable as long as all results are satisfactory.
- Participate in microbiology proficiency testing studies annually.

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

Street Addresses	Mailing Addresses
<p>Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503</p> <p>Pollution Control Hearings Board 1111 Israel Road SW STE 301 Tumwater, WA 98501</p>	<p>Department of Ecology Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608</p> <p>Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903</p>

If you have any questions concerning the accreditation of your lab, please contact Aimee Bennett at (360) 871-8842, fax (360) 871-8849, or by e-mail at aimee.bennett@ecy.wa.gov.

Sincerely,



Alan D. Rue
Lab Accreditation Unit Supervisor

AR:AB:ab
Enclosures

The State of
Department



Washington
of Ecology

Energy NW Environmental (PPL) 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 August 8, 2016 and shall expire August 7, 2017.

Witnessed under my hand on July 25, 2016

Alan D. Rue
Lab Accreditation Unit Supervisor

Laboratory ID
C563

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Energy NW Environmental (PPL) 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		
Chlorine (Residual), Total	SM 4500-CI D-00	
Chlorine (Residual), Total	SM 4500-CI G-00	
Total Coli/Ecoli - detect	SM 9223 B Colilert	
Non-Potable Water		
Chlorine (Residual), Total	SM 4500-CI D-00	
Chlorine (Residual), Total	SM 4500-CI G-00	
Solid and Chemical Materials		
1,1,1,2-Tetrachloroethane	EPA 8260C_(8/06)	1,2
1,1,1-Trichloroethane	EPA 8260C_(8/06)	1,2
1,1,2,2-Tetrachloroethane	EPA 8260C_(8/06)	1,2
1,1,2-Trichloroethane	EPA 8260C_(8/06)	1,2
1,1-Dichloroethane	EPA 8260C_(8/06)	1,2
1,1-Dichloroethylene	EPA 8260C_(8/06)	1,2
1,2,3-Trichlorobenzene	EPA 8260C_(8/06)	1,2
1,2,3-Trichloropropane	EPA 8260C_(8/06)	1,2
1,2,4-Trichlorobenzene	EPA 8260C_(8/06)	1,2
1,2,4-Trimethylbenzene	EPA 8260C_(8/06)	1,2
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260C_(8/06)	1,2
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260C_(8/06)	1,2
1,2-Dichlorobenzene	EPA 8260C_(8/06)	1,2
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260C_(8/06)	1,2

Energy NW Environmental (PPL) Lab

Matrix/Analyte	Method	Notes
1,2-Dichloropropane	EPA 8260C_(8/06)	1,2
1,3,5-Trimethylbenzene	EPA 8260C_(8/06)	1,2
1,3-Dichlorobenzene	EPA 8260C_(8/06)	1,2
1,4-Dichlorobenzene	EPA 8260C_(8/06)	1,2
2-Hexanone	EPA 8260C_(8/06)	1,2
4-Isopropyltoluene (p-Cymene)	EPA 8260C_(8/06)	1,2
4-Methyl-2-pentanone (MIBK)	EPA 8260C_(8/06)	1,2
Acetone	EPA 8260C_(8/06)	1,2
Acrolein (Propenal)	EPA 8260C_(8/06)	1,2
Benzene	EPA 8260C_(8/06)	1,2
Bromodichloromethane	EPA 8260C_(8/06)	1,2
Bromoform	EPA 8260C_(8/06)	1,2
Carbon disulfide	EPA 8260C_(8/06)	1,2
Carbon tetrachloride	EPA 8260C_(8/06)	1,2
Chlorobenzene	EPA 8260C_(8/06)	1,2
Chlorodibromomethane	EPA 8260C_(8/06)	1,2
Chloroform	EPA 8260C_(8/06)	1,2
cis-1,3-Dichloropropene	EPA 8260C_(8/06)	1,2
Ethylbenzene	EPA 8260C_(8/06)	1,2
Isopropylbenzene	EPA 8260C_(8/06)	1,2
m+p-xylene	EPA 8260C_(8/06)	1,2
Methyl bromide (Bromomethane)	EPA 8260C_(8/06)	1,2
Methyl chloride (Chloromethane)	EPA 8260C_(8/06)	1,2
Methylene chloride (Dichloromethane)	EPA 8260C_(8/06)	1,2
Naphthalene	EPA 8260C_(8/06)	1,2
n-Butylbenzene	EPA 8260C_(8/06)	1,2
n-Propylbenzene	EPA 8260C_(8/06)	1,2
o-Xylene	EPA 8260C_(8/06)	1,2
sec-Butylbenzene	EPA 8260C_(8/06)	1,2
Styrene	EPA 8260C_(8/06)	1,2
tert-Butylbenzene	EPA 8260C_(8/06)	1,2
Tetrachloroethylene (Perchloroethylene)	EPA 8260C_(8/06)	1,2
Toluene	EPA 8260C_(8/06)	1,2
trans-1,3-Dichloropropylene	EPA 8260C_(8/06)	1,2
Trichloroethene (Trichloroethylene)	EPA 8260C_(8/06)	1,2
Trichlorofluoromethane (Freon 11)	EPA 8260C_(8/06)	1,2

Energy NW Environmental (PPL) Lab

Matrix/Analyte

Method

Notes

Accredited Parameter Note Detail

(1) Interim accreditation pending the successful completion of an on-site audit to verify method capabilities (WAC 173-50-100). (2) Accreditation is limited to liquid matrix only.



07/25/2016

Authentication Signature

Date

Alan D. Rue, Lab Accreditation Unit Supervisor

Parameters Not Accredited

Energy NW Environmental (PPL) Lab

Richland, WA

Analyte	Method	Notes	Matrix
1,1-Dichloropropene	EPA 8260C_(8/06)	a,2	S
1,3-Dichloropropane	EPA 8260C_(8/06)	a,2	S
2,2-Dichloropropane	EPA 8260C_(8/06)	a,2	S
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260C_(8/06)	a,2	S
2-Chlorotoluene	EPA 8260C_(8/06)	a,2	S
4-Chlorotoluene	EPA 8260C_(8/06)	a,2	S
Acrylonitrile	EPA 8260C_(8/06)	a,2	S
Bromobenzene	EPA 8260C_(8/06)	a,2	S
Bromochloromethane	EPA 8260C_(8/06)	a,2	S
Chloroethane (Ethyl chloride)	EPA 8260C_(8/06)	a,2	S
cis-1,2-Dichloroethylene	EPA 8260C_(8/06)	a,2	S
Dibromomethane	EPA 8260C_(8/06)	a,2	S
Dichlorodifluoromethane (Freon-12)	EPA 8260C_(8/06)	a,2	S
Hexachlorobutadiene	EPA 8260C_(8/06)	a,2	S
Methyl tert-butyl ether (MTBE)	EPA 8260C_(8/06)	a,2	S
trans-1,2-Dichloroethylene	EPA 8260C_(8/06)	a,2	S
Vinyl chloride	EPA 8260C_(8/06)	a,2	S

Denied Parameter Accreditation Footnotes

(a) Denied pending receipt of acceptable PT results (WAC 173-50-140). (2) Accreditation is limited to liquid matrix only.

Matrix Definitions - D = Drinking Water; N = Non-potable Water; S = Solid and Chemical Material; A = Air and Emissions.