

# 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 |
|---|--------------------|-------|
| <b>Drinking Water</b>                       |                    |       |
| Chlorine (Residual), Total                  | SM 4500-CI D-00    |       |
| Chlorine (Residual), Total                  | SM 4500-CI G-00    |       |
| Total Coli/Ecoli - detect                   | SM 9223 B Colilert |       |
| <b>Non-Potable Water</b>                    |                    |       |
| Chlorine (Residual), Total                  | SM 4500-CI D-00    |       |
| Chlorine (Residual), Total                  | SM 4500-CI G-00    |       |
| <b>Solid and Chemical Materials</b>         |                    |       |
| 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   |
| 1,1-Dichloropropene                         | 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   |

Energy NW Environmental (PPL) Lab

| Matrix/Analyte                           | Method           | Notes |
|--|------------------|-------|
| 1,2-Dichloroethane (Ethylene dichloride) | EPA 8260C_(8/06) | 1,2   |
| 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   |
| 1,3-Dichloropropane                      | EPA 8260C_(8/06) | 1,2   |
| 1,4-Dichlorobenzene                      | EPA 8260C_(8/06) | 1,2   |
| 2,2-Dichloropropane                      | EPA 8260C_(8/06) | 1,2   |
| 2-Butanone (Methyl ethyl ketone, MEK)    | EPA 8260C_(8/06) | 1,2   |
| 2-Chlorotoluene                          | EPA 8260C_(8/06) | 1,2   |
| 2-Hexanone                               | EPA 8260C_(8/06) | 1,2   |
| 4-Chlorotoluene                          | 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   |
| Acrylonitrile                            | EPA 8260C_(8/06) | 1,2   |
| Benzene                                  | EPA 8260C_(8/06) | 1,2   |
| Bromobenzene                             | EPA 8260C_(8/06) | 1,2   |
| Bromochloromethane                       | 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   |
| Chloroethane (Ethyl chloride)            | EPA 8260C_(8/06) | 1,2   |
| Chloroform                               | EPA 8260C_(8/06) | 1,2   |
| cis-1,2-Dichloroethylene                 | EPA 8260C_(8/06) | 1,2   |
| cis-1,3-Dichloropropene                  | EPA 8260C_(8/06) | 1,2   |
| Dibromomethane                           | EPA 8260C_(8/06) | 1,2   |
| Dichlorodifluoromethane (Freon-12)       | EPA 8260C_(8/06) | 1,2   |
| Ethylbenzene                             | EPA 8260C_(8/06) | 1,2   |
| Hexachlorobutadiene                      | 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   |

Energy NW Environmental (PPL) Lab

| Matrix/Analyte                          | Method           | Notes |
|---|------------------|-------|
| Methyl chloride (Chloromethane)         | EPA 8260C_(8/06) | 1,2   |
| Methyl tert-butyl ether (MTBE)          | 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-1,2-Dichloroethylene              | 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   |
| Vinyl chloride                          | EPA 8260C_(8/06) | 1,2   |

**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.



03/18/2015

Authentication Signature  
Alan D. Rue, Lab Accreditation Unit Supervisor

Date