

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

Specialty Analytical

Clackamas, 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
Non-Potable Water		
Cyanide, Free	ASTM D4282-15	8,88
Ammonium	ASTM D6919-09	1
Tetramethylammonium hydroxide	ASTM D6919-09	1
Cyanide, Total	ASTM D7284-13 (17)	8,88
Specific Conductance	EPA 120.1_1982	8
Solids, Total Volatile	EPA 160.4_1971	8
Adsorbable Organic Flourine (AOF)	EPA 1621	8
n-Hexane Extractable Material (O&G)	EPA 1664B -10 (HEM)	8
Turbidity	EPA 180.1_2_1993	8
Chromium, Hexavalent	EPA 218.6_3.3_1994	8
Bromide	EPA 300.0_2.1_1993	8
Chloride	EPA 300.0_2.1_1993	8
Fluoride	EPA 300.0_2.1_1993	8
Nitrate + Nitrite as N	EPA 300.0_2.1_1993	8
Nitrate as N	EPA 300.0_2.1_1993	8
Nitrite as N	EPA 300.0_2.1_1993	8
Sulfate	EPA 300.0_2.1_1993	8
Ammonia as N	EPA 350.1_2_1993	8
Nitrogen, Total Kjeldahl	EPA 351.2_2_1993	8
Nitrate + Nitrite as N	EPA 353.2_2_1993	8
Nitrate as N	EPA 353.2_2_1993	8
Chemical Oxygen Demand (COD)	EPA 410.4_2_1993	8
Phenolics, Total	EPA 420.1_1978	8
Cyanide, Available	OIA 1677-09	8
Alkalinity	SM 2320 B-2011	2,8
Hardness (calc.)	SM 2340 B-2011	8

Washington State Department of Ecology

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Scope of Accreditation Report for Specialty Analytical

C804-24b

Laboratory Accreditation Unit

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Matrix/Analyte	Method	Notes
Non-Potable Water		
Salinity	SM 2520 B-2011	8
Solids, Total	SM 2540 B-2015	8
Solids, Total Dissolved	SM 2540 C-2015	8
Solids, Total Suspended	SM 2540 D-2015	8
Solids, Settleable	SM 2540 F-2015	8
Chromium, Hexavalent	SM 3500-Cr B-2011	8
Chromium, Hexavalent	SM 3500-Cr C-2011	8
Bromide	SM 4110 B-2011	8
Chloride	SM 4500-Cl B-2011	1
Cyanide, Total	SM 4500-CN ⁻ C-2016	8,88
Cyanide, Weak Acid Dissociable	SM 4500-CN ⁻ I-2016	8,88
Fluoride	SM 4500-F ⁻ C-2011	8
Dissolved Oxygen	SM 4500-O G-2016	8
Orthophosphate as P	SM 4500-P E-2011	8
Phosphorus, Total	SM 4500-P E-2011	2,8
Biochemical Oxygen Demand (BOD)	SM 5210 B-2016	8
Total Organic Carbon	SM 5310 B-2014	8
Anionic Surfactants (MBAS)	SM 5540 C-2011	8
Tannin & Lignin	SM 5550 B-93	8
Aluminum	EPA 200.8_5.4_1994	6,8
Antimony	EPA 200.8_5.4_1994	6,8
Arsenic	EPA 200.8_5.4_1994	6,8
Barium	EPA 200.8_5.4_1994	6,8
Beryllium	EPA 200.8_5.4_1994	6,8
Boron	EPA 200.8_5.4_1994	6,8
Cadmium	EPA 200.8_5.4_1994	6,8
Calcium	EPA 200.8_5.4_1994	6,8
Chromium	EPA 200.8_5.4_1994	6,8
Cobalt	EPA 200.8_5.4_1994	6,8
Copper	EPA 200.8_5.4_1994	6,8
Iron	EPA 200.8_5.4_1994	6,8
Lead	EPA 200.8_5.4_1994	6,8
Magnesium	EPA 200.8_5.4_1994	6,8
Manganese	EPA 200.8_5.4_1994	6,8
Molybdenum	EPA 200.8_5.4_1994	6,8
Nickel	EPA 200.8_5.4_1994	6,8
Potassium	EPA 200.8_5.4_1994	6,8

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Matrix/Analyte	Method	Notes
Non-Potable Water		
Selenium	EPA 200.8_5.4_1994	6,8
Sodium	EPA 200.8_5.4_1994	6,8
Strontium	EPA 200.8_5.4_1994	6,8
Thallium	EPA 200.8_5.4_1994	6,8
Tin	EPA 200.8_5.4_1994	1,6
Titanium	EPA 200.8_5.4_1994	6,8
Vanadium	EPA 200.8_5.4_1994	6,8
Zinc	EPA 200.8_5.4_1994	6,8
Mercury	EPA 245.2_1974	8
Acetonitrile	EPA 1671_A_1998	8
Diethylamine	EPA 1671_A_1998	8
Dimethyl sulfoxide	EPA 1671_A_1998	8
Dimethylamine	EPA 1671_A_1998	1
Ethanol	EPA 1671_A_1998	8
Ethylene glycol	EPA 1671_A_1998	1
Formamide	EPA 1671_A_1998	1
Methanol	EPA 1671_A_1998	8
Methyl cellosolve	EPA 1671_A_1998	1
Methylamine	EPA 1671_A_1998	1
n-Propanol (1-Propanol)	EPA 1671_A_1998	8
Triethylamine	EPA 1671_A_1998	8
4-Methyl-2-pentanone (MIBK)	EPA 1666A_1998	8
Butyl acetate	EPA 1666A_1998	8
Ethyl acetate	EPA 1666A_1998	8
Isobutyraldehyde	EPA 1666A_1998	8
Isopropyl acetate	EPA 1666A_1998	8
m+p-xylene	EPA 1666A_1998	8
Methyl formate	EPA 1666A_1998	8
n-Amyl acetate	EPA 1666A_1998	8
n-Heptane	EPA 1666A_1998	8
n-Hexane	EPA 1666A_1998	8
o-Xylene	EPA 1666A_1998	8
Tetrahydrofuran (THF)	EPA 1666A_1998	8
1,1,1,2-Tetrachloroethane	EPA 624.1	8
1,1,1-Trichloroethane	EPA 624.1	8
1,1,2,2-Tetrachloroethane	EPA 624.1	8
1,1,2-Trichloroethane	EPA 624.1	8

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Matrix/Analyte	Method	Notes
Non-Potable Water		
1,1-Dichloroethane	EPA 624.1	8
1,1-Dichloroethylene	EPA 624.1	8
1,2,3-Trichlorobenzene	EPA 624.1	8
1,2-Dibromo-3-chloropropane (DBCP)	EPA 624.1	8
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 624.1	8
1,2-Dichlorobenzene	EPA 624.1	8
1,2-Dichloroethane (Ethylene dichloride)	EPA 624.1	8
1,2-Dichloropropane	EPA 624.1	8
1,3-Dichlorobenzene	EPA 624.1	8
1,4-Dichlorobenzene	EPA 624.1	8
1,4-Dioxane (1,4- Diethyleneoxide)	EPA 624.1	8
2-Butanone (Methyl ethyl ketone, MEK)	EPA 624.1	8
2-Chloro-1,3-butadiene (Chloroprene)	EPA 624.1	1,3
2-Picoline (2-Methylpyridine)	EPA 624.1	1,3
4-Isopropyltoluene (p-Cymene)	EPA 624.1	1,3
Acetone	EPA 624.1	8
Acrylonitrile	EPA 624.1	8
Benzene	EPA 624.1	8
Bromodichloromethane	EPA 624.1	8
Bromoform	EPA 624.1	8
Carbon tetrachloride	EPA 624.1	8
Chlorobenzene	EPA 624.1	8
Chlorodibromomethane	EPA 624.1	8
Chloroethane (Ethyl chloride)	EPA 624.1	8
Chloroform	EPA 624.1	8
cis-1,3-Dichloropropene	EPA 624.1	8
Epichlorohydrin (1-Chloro-2,3-epoxypropane)	EPA 624.1	1,3
Ethylbenzene	EPA 624.1	8
Methyl bromide (Bromomethane)	EPA 624.1	8
Methyl chloride (Chloromethane)	EPA 624.1	8
Methyl tert-butyl ether (MTBE)	EPA 624.1	8
Methylene chloride (Dichloromethane)	EPA 624.1	8
Styrene	EPA 624.1	8
Tetrachloroethylene (Perchloroethylene)	EPA 624.1	8
Toluene	EPA 624.1	8
trans-1,2-Dichloroethylene	EPA 624.1	8
trans-1,3-Dichloropropylene	EPA 624.1	8

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Matrix/Analyte	Method	Notes
Non-Potable Water		
Trichloroethene (Trichloroethylene)	EPA 624.1	8
Trichlorofluoromethane (Freon 11)	EPA 624.1	8
Vinyl chloride	EPA 624.1	8
1-Methylnaphthalene	EPA 625.1	8
2-Methylnaphthalene	EPA 625.1	8
Acenaphthene	EPA 625.1	8
Acenaphthylene	EPA 625.1	8
Anthracene	EPA 625.1	8
Benzo(a)anthracene	EPA 625.1	8
Benzo(a)pyrene	EPA 625.1	8
Benzo(g,h,i)perylene	EPA 625.1	8
Benzo(k)fluoranthene	EPA 625.1	8
Benzo[b]fluoranthene	EPA 625.1	8
Chrysene	EPA 625.1	8
Dibenz(a,h) anthracene	EPA 625.1	8
Fluorene	EPA 625.1	8
Indeno(1,2,3-cd) pyrene	EPA 625.1	8
Naphthalene	EPA 625.1	8
Phenanthrene	EPA 625.1	8
Fecal coliform-count	SM 9222 D (mFC)	8
E.coli-count	SM 9223 B Colilert 18 Qtray	8
Fecal coliform-count	SM 9223 B Colilert 18 Qtray	8
Total coliforms-count	SM 9223 B Colilert 18 Qtray	8
Solid and Chemical Materials		
Cyanide, Total	ASTM D7284-13 (17)	8,88
Bromide	EPA 300.0_2.1_1993	4,8
Chromium, Hexavalent	EPA 7196A_1_1992	8
Chromium, Hexavalent	EPA 7199_0_(12/96)	8
Bromide	EPA 9056A_(02/07)	4,8
Chloride	EPA 9056A_(02/07)	8
Fluoride	EPA 9056A_(02/07)	8
Nitrate as N	EPA 9056A_(02/07)	8
Nitrite as N	EPA 9056A_(02/07)	8
Boron	EPA 200.8_5.4_1994	6,8
Calcium	EPA 200.8_5.4_1994	6,8
Magnesium	EPA 200.8_5.4_1994	6,8
Potassium	EPA 200.8_5.4_1994	6,8

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Sodium	EPA 200.8_5.4_1994	6,8
Tin	EPA 200.8_5.4_1994	6,8
Titanium	EPA 200.8_5.4_1994	6,8
Aluminum	EPA 6020B_(7/14)	6,8
Antimony	EPA 6020B_(7/14)	6,8
Arsenic	EPA 6020B_(7/14)	6,8
Barium	EPA 6020B_(7/14)	6,8
Beryllium	EPA 6020B_(7/14)	6,8
Boron	EPA 6020B_(7/14)	6,8
Cadmium	EPA 6020B_(7/14)	6,8
Calcium	EPA 6020B_(7/14)	6,8
Chromium	EPA 6020B_(7/14)	2,3,6,8
Cobalt	EPA 6020B_(7/14)	6,8
Copper	EPA 6020B_(7/14)	6,8
Iron	EPA 6020B_(7/14)	6,8
Lead	EPA 6020B_(7/14)	6,8
Magnesium	EPA 6020B_(7/14)	6,8
Manganese	EPA 6020B_(7/14)	2,3,6,8
Molybdenum	EPA 6020B_(7/14)	6,8
Nickel	EPA 6020B_(7/14)	6,8
Potassium	EPA 6020B_(7/14)	6,8
Selenium	EPA 6020B_(7/14)	6,8
Silica	EPA 6020B_(7/14)	3,6,8
Silver	EPA 6020B_(7/14)	6,8
Sodium	EPA 6020B_(7/14)	6,8
Thallium	EPA 6020B_(7/14)	6,8
Tin	EPA 6020B_(7/14)	6,8
Titanium	EPA 6020B_(7/14)	6,8
Vanadium	EPA 6020B_(7/14)	2,3,6,8
Zinc	EPA 6020B_(7/14)	6,8
Mercury	EPA 7470A_1_1994	4
Mercury	EPA 7471B_(1/98)	8
Benzene	EPA 8021B_3_(7/14)	8
Ethylbenzene	EPA 8021B_3_(7/14)	8
m+p-xylene	EPA 8021B_3_(7/14)	8
o-Xylene	EPA 8021B_3_(7/14)	8
Toluene	EPA 8021B_3_(7/14)	8

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Xylene (total)	EPA 8021B_3_(7/14)	8
4,4'-DDD	EPA 8081B_(2/07)	8
4,4'-DDE	EPA 8081B_(2/07)	8,10
4,4'-DDT	EPA 8081B_(2/07)	8
Aldrin	EPA 8081B_(2/07)	8
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B_(2/07)	8
alpha-Chlordane	EPA 8081B_(2/07)	8
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B_(2/07)	8
Captafol	EPA 8081B_(2/07)	1
Chlordane (tech.)	EPA 8081B_(2/07)	8
delta-BHC	EPA 8081B_(2/07)	8
Dichlone	EPA 8081B_(2/07)	1
Dicofol	EPA 8081B_(2/07)	1
Dieldrin	EPA 8081B_(2/07)	8
Endosulfan I	EPA 8081B_(2/07)	8
Endosulfan II	EPA 8081B_(2/07)	8
Endosulfan sulfate	EPA 8081B_(2/07)	8
Endrin	EPA 8081B_(2/07)	8
Endrin aldehyde	EPA 8081B_(2/07)	8
Endrin ketone	EPA 8081B_(2/07)	1
Etridiazole	EPA 8081B_(2/07)	1
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B_(2/07)	8
gamma-Chlordane	EPA 8081B_(2/07)	8
Heptachlor	EPA 8081B_(2/07)	8
Heptachlor epoxide	EPA 8081B_(2/07)	8
Methoxychlor	EPA 8081B_(2/07)	8
Mirex	EPA 8081B_(2/07)	1
Nitrofen	EPA 8081B_(2/07)	1
Permethrin (total)	EPA 8081B_(2/07)	1
Perthane	EPA 8081B_(2/07)	1
Strobane	EPA 8081B_(2/07)	1
Toxaphene (Chlorinated camphene)	EPA 8081B_(2/07)	8
trans-Nonachlor	EPA 8081B_(2/07)	1
>C10-C12 Aliphatic EPH	WDOE EPH_(1997)	8
>C10-C12 Aromatic EPH	WDOE EPH_(1997)	8
>C12-C16 Aliphatic EPH	WDOE EPH_(1997)	8
>C12-C16 Aromatic EPH	WDOE EPH_(1997)	8

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
>C16-C21 Aliphatic EPH	WDOE EPH_(1997)	8
>C16-C21 Aromatic EPH	WDOE EPH_(1997)	8
>C21-C34 Aliphatic EPH	WDOE EPH_(1997)	8
>C21-C34 Aromatic EPH	WDOE EPH_(1997)	1
C8-C10 Aromatic EPH	WDOE EPH_(1997)	8
Diesel range organics (DRO)	WDOE NWTPH-Dx_(1997)	1
Gasoline range organics (GRO)	WDOE NWTPH-Gx_(1997)	8
1,1,1,2-Tetrachloroethane	EPA 8260D_4_(6/18)	8
1,1,1-Trichloro-2,2,2-trifluoroethane	EPA 8260D_4_(6/18)	1
1,1,1-Trichloro-2-propanone	EPA 8260D_4_(6/18)	1
1,1,1-Trichloroethane	EPA 8260D_4_(6/18)	8
1,1,2,2-Tetrachloroethane	EPA 8260D_4_(6/18)	8
1,1,2-Trichloroethane	EPA 8260D_4_(6/18)	8
1,1,2-Trichlorofluoroethane	EPA 8260D_4_(6/18)	1
1,1-Dichloro-1-fluoroethane	EPA 8260D_4_(6/18)	1
1,1-Dichloroethane	EPA 8260D_4_(6/18)	8
1,1-Dichloroethylene	EPA 8260D_4_(6/18)	8
1,2,3,4-Diepoxybutane	EPA 8260D_4_(6/18)	1
1,2,3-Trichlorobenzene	EPA 8260D_4_(6/18)	8
1,2,3-Trichloropropane	EPA 8260D_4_(6/18)	8
1,2,3-Trimethylbenzene	EPA 8260D_4_(6/18)	1
1,2,4-Trichlorobenzene	EPA 8260D_4_(6/18)	8
1,2,4-Trimethylbenzene	EPA 8260D_4_(6/18)	8
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D_4_(6/18)	8
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D_4_(6/18)	8
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	EPA 8260D_4_(6/18)	1
1,2-Dichloro-1,1,2-trifluoroethane	EPA 8260D_4_(6/18)	1
1,2-Dichlorobenzene	EPA 8260D_4_(6/18)	8
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D_4_(6/18)	8
1,2-Dichloropropane	EPA 8260D_4_(6/18)	8
1,2-Dimethoxyethane	EPA 8260D_4_(6/18)	1
1,3,5-Trimethylbenzene	EPA 8260D_4_(6/18)	8
1,3-Butanediol	EPA 8260D_4_(6/18)	1
1,3-Dichloro-2-propanol	EPA 8260D_4_(6/18)	1
1,3-Dichlorobenzene	EPA 8260D_4_(6/18)	8
1,3-Dichloropropane	EPA 8260D_4_(6/18)	8
1,4-Butanediol	EPA 8260D_4_(6/18)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
1,4-Dichloro-2-butene	EPA 8260D_4_(6/18)	1
1,4-Dichlorobenzene	EPA 8260D_4_(6/18)	8
1,4-Difluorobenzene	EPA 8260D_4_(6/18)	1
1-Butene	EPA 8260D_4_(6/18)	1
1-Chloro-1,2,2-trifluoroethane (Freon 133)	EPA 8260D_4_(6/18)	1
1-Chlorobutane	EPA 8260D_4_(6/18)	1
1-Heptene	EPA 8260D_4_(6/18)	1
1-Hexene	EPA 8260D_4_(6/18)	1
1-Methyl-2-n-propylbenzene	EPA 8260D_4_(6/18)	1
1-Propene	EPA 8260D_4_(6/18)	1
2,2,4-Trimethylpentane	EPA 8260D_4_(6/18)	1
2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)	EPA 8260D_4_(6/18)	1
2,2-Dichloropropane	EPA 8260D_4_(6/18)	8
2,2-Dimethylbutane	EPA 8260D_4_(6/18)	1
2,2'-Oxybis(1-chloropropane)	EPA 8260D_4_(6/18)	1
2,3,4-Trimethylpentane	EPA 8260D_4_(6/18)	1
2,3-Dichloropropene	EPA 8260D_4_(6/18)	1
2,3-Dimethylbutane	EPA 8260D_4_(6/18)	1
2,3-Dimethylpentane	EPA 8260D_4_(6/18)	1
2,4-Dimethylpentane	EPA 8260D_4_(6/18)	1
2-Bromofluorobenzene	EPA 8260D_4_(6/18)	1
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D_4_(6/18)	8
2-Chloro-2-methylbutane (tert-Amyl chloride)	EPA 8260D_4_(6/18)	1
2-Chloroethanol	EPA 8260D_4_(6/18)	1
2-Chlorotoluene	EPA 8260D_4_(6/18)	8
2-Ethylhexanol (2-Ethyl-1-hexanol)	EPA 8260D_4_(6/18)	1
2-Ethyltoluene	EPA 8260D_4_(6/18)	1
2-Hexanone	EPA 8260D_4_(6/18)	8
2-Hexene	EPA 8260D_4_(6/18)	1
2-Hydroxypropionitrile	EPA 8260D_4_(6/18)	1
2-Methoxyethanol (Methyl cellosolve)	EPA 8260D_4_(6/18)	1
2-Methyl-1,3-dioxolane	EPA 8260D_4_(6/18)	1
2-Methyl-2-Butene	EPA 8260D_4_(6/18)	1
2-Methylaniline (o-Toluidine)	EPA 8260D_4_(6/18)	1
2-Methylbutadiene (Isoprene)	EPA 8260D_4_(6/18)	1
2-Methylbutane (Isopentane)	EPA 8260D_4_(6/18)	1
2-Methylheptane	EPA 8260D_4_(6/18)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
2-Methylhexane	EPA 8260D_4_(6/18)	1
2-Methylpentane (Isohexane)	EPA 8260D_4_(6/18)	1
2-methylpropane (Isobutane)	EPA 8260D_4_(6/18)	1
2-Nitropropane	EPA 8260D_4_(6/18)	1
2-Pentanone	EPA 8260D_4_(6/18)	1
2-Picoline (2-Methylpyridine)	EPA 8260D_4_(6/18)	1
3-Bromofluorobenzene	EPA 8260D_4_(6/18)	1
3-Butene-1-ol	EPA 8260D_4_(6/18)	1
3-Chloropropionitrile	EPA 8260D_4_(6/18)	1
3-Ethyltoluene	EPA 8260D_4_(6/18)	1
3-Methyl-1-Butene	EPA 8260D_4_(6/18)	1
3-Methylheptane	EPA 8260D_4_(6/18)	1
3-Methylhexane	EPA 8260D_4_(6/18)	1
3-Methylpentane	EPA 8260D_4_(6/18)	1
4-Bromofluorobenzene	EPA 8260D_4_(6/18)	1
4-Ethyltoluene	EPA 8260D_4_(6/18)	1
4-Isopropyltoluene (p-Cymene)	EPA 8260D_4_(6/18)	1
4-Methyl-1-Pentene	EPA 8260D_4_(6/18)	1
4-Methyl-2-pentanone (MIBK)	EPA 8260D_4_(6/18)	8
4-Methylaniline (p-Toluidine)	EPA 8260D_4_(6/18)	1
Acetamide	EPA 8260D_4_(6/18)	1
Acetone	EPA 8260D_4_(6/18)	8
Acetylene	EPA 8260D_4_(6/18)	1
Acrylamide	EPA 8260D_4_(6/18)	1
Acrylic acid	EPA 8260D_4_(6/18)	1
Acrylonitrile	EPA 8260D_4_(6/18)	4,8
Adsorbable Organic Halides (AOX)	EPA 8260D_4_(6/18)	1
Allyl alcohol	EPA 8260D_4_(6/18)	1
alpha-Methylstyrene	EPA 8260D_4_(6/18)	1
Benzene	EPA 8260D_4_(6/18)	8
beta-Propiolactone	EPA 8260D_4_(6/18)	1
bis(2-Chloroethyl) sulfide	EPA 8260D_4_(6/18)	1
bis(Chloromethyl)ether	EPA 8260D_4_(6/18)	1
Bromoacetone	EPA 8260D_4_(6/18)	1
Bromobenzene	EPA 8260D_4_(6/18)	8
Bromochloromethane	EPA 8260D_4_(6/18)	8
Bromodichloromethane	EPA 8260D_4_(6/18)	8

Specialty Analytical

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Bromoethane (Ethyl Bromide)	EPA 8260D_4_(6/18)	1
Bromoethene	EPA 8260D_4_(6/18)	1
Bromoform	EPA 8260D_4_(6/18)	8
Butyl acetate	EPA 8260D_4_(6/18)	1
Carbon disulfide	EPA 8260D_4_(6/18)	8
Carbon tetrachloride	EPA 8260D_4_(6/18)	8
Chloral hydrate	EPA 8260D_4_(6/18)	1
Chloroacetonitrile	EPA 8260D_4_(6/18)	1
Chlorobenzene	EPA 8260D_4_(6/18)	8
Chlorodibromomethane	EPA 8260D_4_(6/18)	8
Chlorodifluoromethane (Freon-22)	EPA 8260D_4_(6/18)	1
Chloroethane (Ethyl chloride)	EPA 8260D_4_(6/18)	8
Chloroform	EPA 8260D_4_(6/18)	8
Chloromethyl methyl ether	EPA 8260D_4_(6/18)	1
cis & trans-1,2-Dichloroethene	EPA 8260D_4_(6/18)	8
cis-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	8
cis-1,3-Dichloropropene	EPA 8260D_4_(6/18)	1
cis-2-Butene	EPA 8260D_4_(6/18)	1
cis-2-Hexene	EPA 8260D_4_(6/18)	1
cis-2-pentene	EPA 8260D_4_(6/18)	1
Cycloate	EPA 8260D_4_(6/18)	1
Cyclohexanol	EPA 8260D_4_(6/18)	1
Cyclopentane	EPA 8260D_4_(6/18)	1
Cyclopentene	EPA 8260D_4_(6/18)	1
Decanal	EPA 8260D_4_(6/18)	1
Dibromofluoromethane	EPA 8260D_4_(6/18)	1
Dibromomethane	EPA 8260D_4_(6/18)	8
Dichlorodifluoromethane (Freon-12)	EPA 8260D_4_(6/18)	8
Dichlorofluoromethane (Freon 21)	EPA 8260D_4_(6/18)	1
Dichlorotetrafluoroethane	EPA 8260D_4_(6/18)	1
Dicyclopentadiene	EPA 8260D_4_(6/18)	1
Diethylamine	EPA 8260D_4_(6/18)	1
Diethylene glycol	EPA 8260D_4_(6/18)	1
Dimethyl disulfide	EPA 8260D_4_(6/18)	1
Dimethyl sulfoxide	EPA 8260D_4_(6/18)	1
Epichlorohydrin (1-Chloro-2,3-epoxypropane)	EPA 8260D_4_(6/18)	1
Ethane	EPA 8260D_4_(6/18)	1

Specialty Analytical

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Ethene	EPA 8260D_4_(6/18)	1
Ethyl acetate	EPA 8260D_4_(6/18)	1
Ethyl acrylate	EPA 8260D_4_(6/18)	1
Ethyl tert-Butyl alcohol	EPA 8260D_4_(6/18)	1
Ethylbenzene	EPA 8260D_4_(6/18)	8
Ethylene glycol	EPA 8260D_4_(6/18)	1
Ethylene oxide	EPA 8260D_4_(6/18)	1
Ethylene thiourea	EPA 8260D_4_(6/18)	1
Ethyleneimine	EPA 8260D_4_(6/18)	1
Fluorobenzene	EPA 8260D_4_(6/18)	1
Fluoromethane (Freon 41)	EPA 8260D_4_(6/18)	1
Heptanal	EPA 8260D_4_(6/18)	1
Hexachlorobutadiene	EPA 8260D_4_(6/18)	1
Isopropyl acetate	EPA 8260D_4_(6/18)	1
Isopropyl alcohol (2-Propanol, Isopropanol)	EPA 8260D_4_(6/18)	1
Isopropylbenzene	EPA 8260D_4_(6/18)	1
m+p-xylene	EPA 8260D_4_(6/18)	4,8
Malononitrile	EPA 8260D_4_(6/18)	1
Methane	EPA 8260D_4_(6/18)	1
Methanol	EPA 8260D_4_(6/18)	1
Methyl acrylate	EPA 8260D_4_(6/18)	1
Methyl bromide (Bromomethane)	EPA 8260D_4_(6/18)	8
Methyl chloride (Chloromethane)	EPA 8260D_4_(6/18)	8
Methyl formate	EPA 8260D_4_(6/18)	1
Methyl tert-butyl ether (MTBE)	EPA 8260D_4_(6/18)	8
Methylcyclopentane	EPA 8260D_4_(6/18)	1
Methylene chloride (Dichloromethane)	EPA 8260D_4_(6/18)	8
m-Xylene	EPA 8260D_4_(6/18)	4,8
n, n-Dimethylformamide	EPA 8260D_4_(6/18)	1
n-Amyl acetate	EPA 8260D_4_(6/18)	1
n-Amyl alcohol	EPA 8260D_4_(6/18)	1
Naphthalene	EPA 8260D_4_(6/18)	8
n-Butane	EPA 8260D_4_(6/18)	1
n-Butyl alcohol (1-Butanol, n-Butanol)	EPA 8260D_4_(6/18)	1
n-Butylbenzene	EPA 8260D_4_(6/18)	8
n-Butylcyclopentane	EPA 8260D_4_(6/18)	1
n-Heptane	EPA 8260D_4_(6/18)	1

Washington State Department of Ecology

Effective Date: 3/4/2025

Scope of Accreditation Report for Specialty Analytical

C804-24b

Laboratory Accreditation Unit

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Specialty Analytical

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Nitrobenzene	EPA 8260D_4_(6/18)	1
N-Nitroso-di-n-butylamine	EPA 8260D_4_(6/18)	1
n-Nonane	EPA 8260D_4_(6/18)	1
n-Octane	EPA 8260D_4_(6/18)	1
n-Pentane	EPA 8260D_4_(6/18)	1
n-Propane	EPA 8260D_4_(6/18)	1
n-Propanol (1-Propanol)	EPA 8260D_4_(6/18)	1
n-Propylamine	EPA 8260D_4_(6/18)	1
n-Propylbenzene	EPA 8260D_4_(6/18)	8
o-Xylene	EPA 8260D_4_(6/18)	4,8
p-Diethylbenzene	EPA 8260D_4_(6/18)	1
Pentafluorobenzene	EPA 8260D_4_(6/18)	1
Propargyl alcohol	EPA 8260D_4_(6/18)	1
Propyne	EPA 8260D_4_(6/18)	1
Purgeable Organic Halides	EPA 8260D_4_(6/18)	1
p-Xylene	EPA 8260D_4_(6/18)	4,8
Pyridine	EPA 8260D_4_(6/18)	1
Sec-Amyl Alcohol (2-Pentanol)	EPA 8260D_4_(6/18)	1
sec-Butylbenzene	EPA 8260D_4_(6/18)	1
S-Methyl thioacetate (S-Methyl etanethioate)	EPA 8260D_4_(6/18)	1
Styrene	EPA 8260D_4_(6/18)	8
tert-Amyl ethyl ether (TAEE)	EPA 8260D_4_(6/18)	1
tert-Butylbenzene	EPA 8260D_4_(6/18)	8
Tetrachloroethylene (Perchloroethylene)	EPA 8260D_4_(6/18)	8
Toluene	EPA 8260D_4_(6/18)	8
trans-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	8
trans-1,3-Dichloropropylene	EPA 8260D_4_(6/18)	8
trans-2-Butene	EPA 8260D_4_(6/18)	1
trans-2-Hexene	EPA 8260D_4_(6/18)	1
trans-2-pentene	EPA 8260D_4_(6/18)	1
Trichloroethene (Trichloroethylene)	EPA 8260D_4_(6/18)	8
Trichlorofluoromethane (Freon 11)	EPA 8260D_4_(6/18)	8
Triethylamine	EPA 8260D_4_(6/18)	1
Trifluoromethane (Freon 23)	EPA 8260D_4_(6/18)	1
Vinyl bromide	EPA 8260D_4_(6/18)	1
Vinyl chloride	EPA 8260D_4_(6/18)	8
Xylene (total)	EPA 8260D_4_(6/18)	8

Specialty Analytical

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
1-Methylnaphthalene	EPA 8270E_6_(6/18)	8
2-Methylnaphthalene	EPA 8270E_6_(6/18)	8
Acenaphthene	EPA 8270E_6_(6/18)	8
Acenaphthylene	EPA 8270E_6_(6/18)	8
Anthracene	EPA 8270E_6_(6/18)	8
Benzo(a)anthracene	EPA 8270E_6_(6/18)	8
Benzo(a)pyrene	EPA 8270E_6_(6/18)	8
Benzo(g,h,i)perylene	EPA 8270E_6_(6/18)	8
Benzo(k)fluoranthene	EPA 8270E_6_(6/18)	8
Benzo[b]fluoranthene	EPA 8270E_6_(6/18)	8
Chrysene	EPA 8270E_6_(6/18)	8
Dibenz(a,h) anthracene	EPA 8270E_6_(6/18)	8
Fluorene	EPA 8270E_6_(6/18)	8
Indeno(1,2,3-cd) pyrene	EPA 8270E_6_(6/18)	8
Naphthalene	EPA 8270E_6_(6/18)	8
Phenanthrene	EPA 8270E_6_(6/18)	8

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) Provisional accreditation pending submittal of acceptable Proficiency Testing (PT) results (WAC 173-50-110). (3) Provisional accreditation pending CAR for PT failures. (4) Limited to Liquid Matrix only. (6) Provisional accreditation pending review of the corrective action plan in response to audit findings. (7) Provisional for the method because the laboratory did not pass at least 80% of the requested compounds present in the most recent PT study. (8) Accreditation based in part on recognition of Oregon NELAP accreditation. (9) Provisional accreditation pending examination and resolution of ORELAP audit findings. (10) Limited to Solid Matrix only pending an acceptable WP PT and Corrective action report. (88) Interim Washington accreditation pending receipt of an updated Scope from ORELAP. This accreditation is based in part on recognition of your currently held accreditations for previous method versions.



03/05/2025

Authentication Signature
Rebecca Wood, Lab Accreditation Unit Supervisor

Date