The State of Washington Department of Ecology

AmTest Laboratories
Kirkland, 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 July 26, 2023 and shall expire July 25, 2024.

Witnessed under my hand on August 16, 2023

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
C554

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

AmTest Laboratories

Kirkland, 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." 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
Drinking Water		
Turbidity	EPA 180.1_2_1993	
Bromide	EPA 300.0_2.1_1993	
Chloride	EPA 300.0_2.1_1993	
Fluoride	EPA 300.0_2.1_1993	
Nitrate as N	EPA 300.0_2.1_1993	
Nitrite as N	EPA 300.0_2.1_1993	
Sulfate	EPA 300.0_2.1_1993	
Nitrate + Nitrite as N	EPA 353.2_2_1993	
Color	SM 2120 B-2011	
Alkalinity	SM 2320 B-2011	
Specific Conductance	SM 2510 B-2011	
Solids, Total Dissolved	SM 2540 C-2011	
Cyanide, Total	SM 4500-CN^- E-2011	
Nitrite as N	SM 4500-$NO2^-$ B-2011	
Orthophosphate as P	SM 4500-P E-2011	
Total Organic Carbon	SM 5310 B-2011	
UV Absorbing Organics	SM 5910 B-2011	
Calcium	EPA 200.7_4.4_1994	
Hardness, Total (as CaCO3)	EPA 200.7_4.4_1994	
Iron	EPA 200.7_4.4_1994	
Magnesium	EPA 200.7_4.4_1994	
Manganese	EPA 200.7_4.4_1994	
Sodium	EPA 200.7_4.4_1994	
Zinc	EPA 200.7_4.4_1994	
Aluminum	EPA 200.8_5.4_1994	
Antimony	EPA 200.8_5.4_1994	

Matrix/Analyte	Method	Notes
Drinking Water		
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	
Mercury	EPA 245.1_3_1994	
Bromoacetic acid (MBAA, BAA)	EPA 552.2_1_1995	
Chloroacetic acid (MCAA, CAA)	EPA 552.2_1_1995	
Dibromoacetic acid (DBAA)	EPA 552.2_1_1995	
Dichloroacetic acid (DCAA)	EPA 552.2_1_1995	
Total haloacetic acids (HAA5)	EPA 552.2_1_1995	
Trichloroacetic acid (TCAA)	EPA 552.2_1_1995	
Bromodichloromethane	EPA 524.2_4.1_1995	
Bromoform	EPA 524.2_4.1_1995	
Chlorodibromomethane	EPA 524.2_4.1_1995	
Chloroform	EPA 524.2_4.1_1995	
Total Trihalomethanes	EPA 524.2_4.1_1995	
Heterotrophic Bacteria	SM 9215 B (PCA)	
Fecal coliform-count	SM 9222 B+9221 E1 (LES Endo/EC-counts)	
Total coliforms-count	SM 9222 B+9221 E1 (LES Endo/EC-counts)	
Total coli/E.coli - detect	SM 9222 B+9221 F (LES Endo/EC MUG-PA)	
Fecal coliform-count	SM 9222 D (mFC)-06	
Total coli/E.coli - detect	SM 9223 B Colisure® (PA)	
Non-Potable Water		
n-Hexane Extractable Material (O&G)	EPA 1664A_1_1999	
Turbidity	EPA 180.1_2_1993	
Bromide	EPA 300.0_2.1_1993	
Chloride	EPA 300.0_2.1_1993	
Fluoride	EPA 300.0_2.1_1993	

Matrix/Analyte	Method	Notes
Non-Potable Water		
Nitrate as N	EPA 300.0_2.1_1993	
Nitrite as N	EPA 300.0_2.1_1993	
Sulfate	EPA 300.0_2.1_1993	
Ammonia as N	EPA 350.1_2_1993	
Nitrogen, Total Kjeldahl	EPA 351.2_2_1993	
Nitrate + Nitrite as N	EPA 353.2_2_1993	
Chemical Oxygen Demand (COD)	EPA 410.4_2_1993	
Phenolics, Total	EPA 420.4_1_1993	
Color	SM 2120 B-2011	
Alkalinity	SM 2320 B-2011	
Specific Conductance	SM 2510 B-2011	
Solids, Total	SM 2540 B-2011	5
Solids, Total Dissolved	SM 2540 C-2011	
Solids, Total Suspended	SM 2540 D-2011	
Chromium, Hexavalent	SM 3500-Cr B-2011	
Cyanide, Total	SM 4500-CN^- E-2011	
Cyanides, Amenable to Chlorination	SM 4500-CN^- G-2011	
Nitrite as N	SM 4500-$NO2^-$ B-2011	
Dissolved Oxygen	SM 4500-O C-2011	
Orthophosphate as P	SM 4500-P E-2011	
Phosphorus, total	SM 4500-P F-2011	
Sulfide	SM 4500-$S2^-$ D-2011	
Biochemical Oxygen Demand (BOD)	SM 5210 B-2011	
Total Organic Carbon	SM 5310 B-2011	
Nonionic Surfactants as CTAS	SM 5540 B-93	
Anionic Surfactants (MBAS)	SM 5540 C-2011	
UV Absorbing Organics	SM 5910 B-2011	
Aluminum	EPA 200.7_4.4_1994	
Antimony	EPA 200.7_4.4_1994	
Arsenic	EPA 200.7_4.4_1994	
Barium	EPA 200.7_4.4_1994	
Beryllium	EPA 200.7_4.4_1994	
Cadmium	EPA 200.7_4.4_1994	
Calcium	EPA 200.7_4.4_1994	
Chromium	EPA 200.7_4.4_1994	
Cobalt	EPA 200.7_4.4_1994	
Copper	EPA 200.7_4.4_1994	

Matrix/Analyte	Method	Notes
Non-Potable Water		
Hardness, Total (as CaCO3)	EPA 200.7_4.4_1994	
Iron	EPA 200.7_4.4_1994	
Lead	EPA 200.7_4.4_1994	
Magnesium	EPA 200.7_4.4_1994	
Manganese	EPA 200.7_4.4_1994	
Molybdenum	EPA 200.7_4.4_1994	
Nickel	EPA 200.7_4.4_1994	
Potassium	EPA 200.7_4.4_1994	
Selenium	EPA 200.7_4.4_1994	
Silica	EPA 200.7_4.4_1994	
Silver	EPA 200.7_4.4_1994	
Sodium	EPA 200.7_4.4_1994	
Strontium	EPA 200.7_4.4_1994	
Thallium	EPA 200.7_4.4_1994	
Titanium	EPA 200.7_4.4_1994	
Vanadium	EPA 200.7_4.4_1994	
Zinc	EPA 200.7_4.4_1994	
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	
Cobalt	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	
Molybdenum	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	
Vanadium	EPA 200.8_5.4_1994	
Zinc	EPA 200.8_5.4_1994	
Mercury	EPA 245.1_3_1994	
4,4'-DDD	EPA 608.3	5,6

Matrix/Analyte	Method	Notes
Non-Potable Water		
4,4'-DDE	EPA 608.3	5,6
4,4'-DDT	EPA 608.3	5,6
Aldrin	EPA 608.3	5,6
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	5,6
alpha-Chlordane	EPA 608.3	5,6
Aroclor-1016 (PCB-1016)	EPA 608.3	5,6
Aroclor-1221 (PCB-1221)	EPA 608.3	5,6
Aroclor-1232 (PCB-1232)	EPA 608.3	5,6
Aroclor-1242 (PCB-1242)	EPA 608.3	5,6
Aroclor-1248 (PCB-1248)	EPA 608.3	5,6
Aroclor-1254 (PCB-1254)	EPA 608.3	5,6
Aroclor-1260 (PCB-1260)	EPA 608.3	5,6
beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	5,6
delta-BHC	EPA 608.3	5,6
Dieldrin	EPA 608.3	5,6
Endosulfan I	EPA 608.3	5,6
Endosulfan II	EPA 608.3	5,6
Endosulfan sulfate	EPA 608.3	5,6
Endrin	EPA 608.3	5,6
Endrin aldehyde	EPA 608.3	5,6
Endrin ketone	EPA 608.3	5,6
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	5,6
Heptachlor	EPA 608.3	5,6
Heptachlor epoxide	EPA 608.3	5,6
Methoxychlor	EPA 608.3	5,6
2,4,5-T	EPA 615 1993	
2,4-D	EPA 615 1993	
2,4-DB	EPA 615 1993	
Dalapon	EPA 615 1993	
Dicamba	EPA 615 1993	
Dichloroprop (Dichlorprop)	EPA 615 1993	
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 615 1993	
MCPA	EPA 615 1993	
MCPP	EPA 615 1993	
Silvex (2,4,5-TP)	EPA 615 1993	
1,1,1,2-Tetrachloroethane	EPA 624.1	5,6
1,1,1-Trichloroethane	EPA 624.1	5,6

Matrix/Analyte	Method	Notes
Non-Potable Water		
1,1,2,2-Tetrachloroethane	EPA 624.1	5,6
1,1,2-Trichloroethane	EPA 624.1	5,6
1,1-Dichloroethane	EPA 624.1	5,6
1,1-Dichloroethylene	EPA 624.1	5,6
1,2,3-Trichloropropane	EPA 624.1	5,6
1,2-Dibromo-3-chloropropane (DBCP)	EPA 624.1	5,6
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 624.1	3,5,6
1,2-Dichlorobenzene	EPA 624.1	5,6
1,2-Dichloroethane (Ethylene dichloride)	EPA 624.1	5,6
1,2-Dichloropropane	EPA 624.1	5,6
1,3-Dichlorobenzene	EPA 624.1	5,6
1,4-Dichlorobenzene	EPA 624.1	5,6
2-Butanone (Methyl ethyl ketone, MEK)	EPA 624.1	5,6
2-Hexanone	EPA 624.1	5,6
4-Methyl-2-pentanone (MIBK)	EPA 624.1	5,6
Acetone	EPA 624.1	5,6
Acrylonitrile	EPA 624.1	3,5,6
Benzene	EPA 624.1	5,6
Bromochloromethane	EPA 624.1	5,6
Bromodichloromethane	EPA 624.1	5,6
Bromoform	EPA 624.1	5,6
Carbon dioxide	EPA 624.1	5,6
Carbon tetrachloride	EPA 624.1	5,6
Chlorobenzene	EPA 624.1	5,6
Chlorodibromomethane	EPA 624.1	5,6
Chloroethane (Ethyl chloride)	EPA 624.1	5,6
Chloroform	EPA 624.1	5,6
cis-1,2-Dichloroethylene	EPA 624.1	5,6
cis-1,3-Dichloropropene	EPA 624.1	5,6
Dibromomethane	EPA 624.1	3,5,6
Ethylbenzene	EPA 624.1	5,6
Iodomethane (Methyl iodide)	EPA 624.1	5,6
m+p-xylene	EPA 624.1	5,6
Methyl bromide (Bromomethane)	EPA 624.1	5,6
Methyl chloride (Chloromethane)	EPA 624.1	5,6
Methylene chloride (Dichloromethane)	EPA 624.1	5,6
o-Xylene	EPA 624.1	5,6

Matrix/Analyte	Method	Notes
Non-Potable Water		
Styrene	EPA 624.1	5,6
Tetrachloroethylene (Perchloroethylene)	EPA 624.1	5,6
Toluene	EPA 624.1	5,6
trans-1,2-Dichloroethylene	EPA 624.1	5,6
trans-1,3-Dichloropropylene	EPA 624.1	5,6
Trichlorofluoromethane (Freon 11)	EPA 624.1	5,6
Vinyl acetate	EPA 624.1	5,6
Vinyl chloride	EPA 624.1	3,5,6
1,2,4-Trichlorobenzene	EPA 625.1	5,6
1,2-Diphenylhydrazine	EPA 625.1	5,6
2,4,5-Trichlorophenol	EPA 625.1	5,6
2,4,6-Trichlorophenol	EPA 625.1	5,6
2,4-Dichlorophenol	EPA 625.1	5,6
2,4-Dimethylphenol	EPA 625.1	5,6
2,4-Dinitrophenol	EPA 625.1	5,6
2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	5,6
2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	5,6
2-Chloronaphthalene	EPA 625.1	5,6
2-Chlorophenol	EPA 625.1	5,6
2-Methylnaphthalene	EPA 625.1	5,6
2-Methylphenol (o-Cresol)	EPA 625.1	5,6
2-Nitroaniline	EPA 625.1	5,6
2-Nitrophenol	EPA 625.1	5,6
3,3'-Dichlorobenzidine	EPA 625.1	5,6
3-Nitroaniline	EPA 625.1	5,6
4,6-Dinitro-2-methylphenol	EPA 625.1	5,6
4-Bromophenyl phenyl ether (BDE-3)	EPA 625.1	5,6
4-Chloro-3-methylphenol	EPA 625.1	5,6
4-Chloroaniline	EPA 625.1	5,6
4-Chlorophenyl phenylether	EPA 625.1	5,6
4-Methylphenol (p-Cresol)	EPA 625.1	5,6
4-Nitroaniline	EPA 625.1	5,6
4-Nitrophenol	EPA 625.1	5,6
Acenaphthene	EPA 625.1	3,5,6
Acenaphthylene	EPA 625.1	3,5,6
Aniline	EPA 625.1	5,6
Anthracene	EPA 625.1	3,5,6

Matrix/Analyte	Method	Notes
Non-Potable Water		
Azobenzene	EPA 625.1	5,6
Benzidine	EPA 625.1	5,6
Benzo(a)anthracene	EPA 625.1	3,5,6
Benzo(a)pyrene	EPA 625.1	3,5,6
Benzo(g,h,i)perylene	EPA 625.1	3,5,6
Benzo(k)fluoranthene	EPA 625.1	3,5,6
Benzo[b]fluoranthene	EPA 625.1	5,6
Benzoic acid	EPA 625.1	5,6
Benzyl alcohol	EPA 625.1	5,6
bis(2-Chloroethoxy)methane	EPA 625.1	5,6
bis(2-Chloroethyl) ether	EPA 625.1	5,6
bis(2-Chloroisopropyl) ether	EPA 625.1	5,6
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 625.1	5,6
Butyl benzyl phthalate	EPA 625.1	5,6
Carbazole	EPA 625.1	5,6
Chrysene	EPA 625.1	3,5,6
Dibenz(a,h) anthracene	EPA 625.1	3,5,6
Dibenzofuran	EPA 625.1	5,6
Diethyl phthalate	EPA 625.1	5,6
Dimethyl phthalate	EPA 625.1	5,6
Di-n-butyl phthalate	EPA 625.1	5,6
Di-n-octyl phthalate	EPA 625.1	5,6
Fluoranthene	EPA 625.1	3,5,6
Fluorene	EPA 625.1	3,5,6
Hexachlorobenzene	EPA 625.1	5,6
Hexachlorobutadiene	EPA 625.1	5,6
Hexachlorocyclopentadiene	EPA 625.1	5,6
Hexachloroethane	EPA 625.1	5,6
Indeno(1,2,3-cd) pyrene	EPA 625.1	3,5,6
Isophorone	EPA 625.1	5,6
Naphthalene	EPA 625.1	3,5,6
Nitrobenzene	EPA 625.1	5,6
N-Nitrosodimethylamine	EPA 625.1	5,6
N-Nitroso-di-n-propylamine	EPA 625.1	5,6
N-Nitrosodiphenylamine	EPA 625.1	5,6
Pentachlorophenol	EPA 625.1	5,6
Phenanthrene	EPA 625.1	3,5,6

Matrix/Analyte	Method	Notes
Non-Potable Water		
Phenol	EPA 625.1	5,6
Pyrene	EPA 625.1	3,5,6
Heterotrophic Bacteria	SM 9215 B (PCA)	
Heterotrophic Bacteria	SM 9215 D (R2A)	
Fecal coliform-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
Total coliforms-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
E.coli-count	SM 9221 B+F+C (LTB/BGB/EC Mug-MPN)	
Total coliforms-count	SM 9221 B+F+C (LTB/BGB/EC Mug-MPN)	
Fecal coliform-count	SM 9221 E2+C (A1-MPN)	
Fecal coliform-count	SM 9222 B+9221 E1 (LES Endo/EC-counts)	
Total coliforms-count	SM 9222 B+9221 E1 (LES Endo/EC-counts)	
E.coli-count	SM 9222 B+G (LES Endo/NA Mug-ambient water only)	
Total coliforms-count	SM 9222 B+G (LES Endo/NA Mug-ambient water only)	
Fecal coliform-count	SM 9222 D (mFC)-06	
Enterococci	SM 9230 C3a (mE-MF)	
Solid and Chemical Materials		
Chromium, Hexavalent	EPA 7196A_1_1992	
Chloride	EPA 9056A_(02/07)	
Fluoride	EPA 9056A_(02/07)	
Sulfate	EPA 9056A_(02/07)	
Total organic carbon	EPA 9060A_1_2004	
Phenolics, Total	EPA 9065_1986	
Cation Exchange Capacity	EPA 9081	
Solids, Total	SM 2540 B-2011	
Solids, Total, Fixed and Volatile	SM 2540 G-2011	
Cyanide, Total	SM 4500-CN^- E-2011	5,10
Cyanides, Amenable to Chlorination	SM 4500-CN^- G-2011	
pH	SM 4500-H+ B-2011	5
Ammonia as N	SM 4500-NH3 E-2011	
Nitrite as N	SM 4500-$NO2^-$ B-2011	10
Nitrate + Nitrite as N	SM 4500-$NO3^-$ F-2011	5
Nitrogen, Total Kjeldahl	SM 4500-Norg C-2011	
Phosphorus, total	SM 4500-P F-2011	
Sulfide	SM 4500-$S2^-$ D-2011	
Aluminum	EPA 6010D_(7/14)	
Antimony	EPA 6010D_(7/14)	

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Arsenic	EPA 6010D_(7/14)	
Barium	EPA 6010D_(7/14)	
Beryllium	EPA 6010D_(7/14)	
Boron	EPA 6010D_(7/14)	
Cadmium	EPA 6010D_(7/14)	
Calcium	EPA 6010D_(7/14)	
Chromium	EPA 6010D_(7/14)	
Cobalt	EPA 6010D_(7/14)	
Copper	EPA 6010D_(7/14)	
Iron	EPA 6010D_(7/14)	
Lead	EPA 6010D_(7/14)	
Magnesium	EPA 6010D_(7/14)	
Manganese	EPA 6010D_(7/14)	
Molybdenum	EPA 6010D_(7/14)	
Nickel	EPA 6010D_(7/14)	
Potassium	EPA 6010D_(7/14)	
Selenium	EPA 6010D_(7/14)	
Silica	EPA 6010D_(7/14)	
Silver	EPA 6010D_(7/14)	
Sodium	EPA 6010D_(7/14)	
Strontium	EPA 6010D_(7/14)	
Thallium	EPA 6010D_(7/14)	
Tin	EPA 6010D_(7/14)	
Vanadium	EPA 6010D_(7/14)	
Zinc	EPA 6010D_(7/14)	
Aluminum	EPA 6020B_(7/14)	
Antimony	EPA 6020B_(7/14)	
Arsenic	EPA 6020B_(7/14)	
Barium	EPA 6020B_(7/14)	
Beryllium	EPA 6020B_(7/14)	
Cadmium	EPA 6020B_(7/14)	
Chromium	EPA 6020B_(7/14)	
Cobalt	EPA 6020B_(7/14)	
Copper	EPA 6020B_(7/14)	
Lead	EPA 6020B_(7/14)	
Manganese	EPA 6020B_(7/14)	
Molybdenum	EPA 6020B_(7/14)	

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Nickel	EPA 6020B_(7/14)	
Selenium	EPA 6020B_(7/14)	
Silver	EPA 6020B_(7/14)	
Thallium	EPA 6020B_(7/14)	
Vanadium	EPA 6020B_(7/14)	
Zinc	EPA 6020B_(7/14)	
Mercury	EPA 7471B_(2/07)	
4,4'-DDD	EPA 8081B_(2/07)	
4,4'-DDE	EPA 8081B_(2/07)	
4,4'-DDT	EPA 8081B_(2/07)	
Aldrin	EPA 8081B_(2/07)	
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B_(2/07)	
alpha-Chlordane	EPA 8081B_(2/07)	
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B_(2/07)	
Chlordane (tech.)	EPA 8081B_(2/07)	
delta-BHC	EPA 8081B_(2/07)	
Dieldrin	EPA 8081B_(2/07)	
Endosulfan I	EPA 8081B_(2/07)	
Endosulfan II	EPA 8081B_(2/07)	
Endosulfan sulfate	EPA 8081B_(2/07)	
Endrin	EPA 8081B_(2/07)	
Endrin aldehyde	EPA 8081B_(2/07)	
Endrin ketone	EPA 8081B_(2/07)	
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B_(2/07)	
Heptachlor	EPA 8081B_(2/07)	
Heptachlor epoxide	EPA 8081B_(2/07)	
Methoxychlor	EPA 8081B_(2/07)	
Aroclor-1016 (PCB-1016)	EPA 8082A_(2/07)	
Aroclor-1221 (PCB-1221)	EPA 8082A_(2/07)	
Aroclor-1232 (PCB-1232)	EPA 8082A_(2/07)	
Aroclor-1242 (PCB-1242)	EPA 8082A_(2/07)	
Aroclor-1248 (PCB-1248)	EPA 8082A_(2/07)	
Aroclor-1254 (PCB-1254)	EPA 8082A_(2/07)	
Aroclor-1260 (PCB-1260)	EPA 8082A_(2/07)	
Diesel range organics (DRO)	WDOE NWTPH-Dx_(1997)	2
1,1,1,2-Tetrachloroethane	EPA 8260D_4_(6/18)	5
1,1,1-Trichloroethane	EPA 8260D_4_(6/18)	5

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
1,1,2,2-Tetrachloroethane	EPA 8260D_4_(6/18)	5
1,1,2-Trichloroethane	EPA 8260D_4_(6/18)	5
1,1-Dichloroethane	EPA 8260D_4_(6/18)	5
1,1-Dichloroethylene	EPA 8260D_4_(6/18)	5
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D_4_(6/18)	5
1,2-Dichlorobenzene	EPA 8260D_4_(6/18)	5
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D_4_(6/18)	5
1,2-Dichloropropane	EPA 8260D_4_(6/18)	5
1,3-Dichlorobenzene	EPA 8260D_4_(6/18)	5
1,4-Dichlorobenzene	EPA 8260D_4_(6/18)	5
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D_4_(6/18)	5
2-Hexanone	EPA 8260D_4_(6/18)	5
4-Methyl-2-pentanone (MIBK)	EPA 8260D_4_(6/18)	5
Acrylonitrile	EPA 8260D_4_(6/18)	5
Benzene	EPA 8260D_4_(6/18)	5
Bromochloromethane	EPA 8260D_4_(6/18)	5
Bromodichloromethane	EPA 8260D_4_(6/18)	5
Bromoform	EPA 8260D_4_(6/18)	5
Carbon disulfide	EPA 8260D_4_(6/18)	5
Carbon tetrachloride	EPA 8260D_4_(6/18)	5
Chlorobenzene	EPA 8260D_4_(6/18)	5
Chlorodibromomethane	EPA 8260D_4_(6/18)	5
Chloroethane (Ethyl chloride)	EPA 8260D_4_(6/18)	5
Chloroform	EPA 8260D_4_(6/18)	5
cis-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	5
cis-1,3-Dichloropropene	EPA 8260D_4_(6/18)	5
Ethylbenzene	EPA 8260D_4_(6/18)	5
Iodomethane (Methyl iodide)	EPA 8260D_4_(6/18)	5
m+p-xylene	EPA 8260D_4_(6/18)	5
Methyl bromide (Bromomethane)	EPA 8260D_4_(6/18)	5
Methyl chloride (Chloromethane)	EPA 8260D_4_(6/18)	5
Methylene chloride (Dichloromethane)	EPA 8260D_4_(6/18)	5
o-Xylene	EPA 8260D_4_(6/18)	5
Styrene	EPA 8260D_4_(6/18)	5
Tetrachloroethylene (Perchloroethylene)	EPA 8260D_4_(6/18)	5
Toluene	EPA 8260D_4_(6/18)	5
trans-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	5

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
trans-1,3-Dichloropropylene	EPA 8260D_4_(6/18)	5
trans-1,4-Dichloro-2-butene	EPA 8260D_4_(6/18)	5
Trichloroethene (Trichloroethylene)	EPA 8260D_4_(6/18)	5
Trichlorofluoromethane (Freon 11)	EPA 8260D_4_(6/18)	5
Vinyl acetate	EPA 8260D_4_(6/18)	5
Vinyl chloride	EPA 8260D_4_(6/18)	5
Xylene (total)	EPA 8260D_4_(6/18)	5
1,2,4-Trichlorobenzene	EPA 8270E_6_(6/18)	5
1,2-Dichlorobenzene	EPA 8270E_6_(6/18)	5
1,2-Diphenylhydrazine	EPA 8270E_6_(6/18)	5
1,3-Dichlorobenzene	EPA 8270E_6_(6/18)	5
1,4-Dichlorobenzene	EPA 8270E_6_(6/18)	5
2,4,5-Trichlorophenol	EPA 8270E_6_(6/18)	5
2,4,6-Trichlorophenol	EPA 8270E_6_(6/18)	5
2,4-Dichlorophenol	EPA 8270E_6_(6/18)	5
2,4-Dimethylphenol	EPA 8270E_6_(6/18)	5
2,4-Dinitrophenol	EPA 8270E_6_(6/18)	5
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E_6_(6/18)	5
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E_6_(6/18)	5
2-Chloronaphthalene	EPA 8270E_6_(6/18)	5
2-Chlorophenol	EPA 8270E_6_(6/18)	5
2-Methylnaphthalene	EPA 8270E_6_(6/18)	5
2-Methylphenol (o-Cresol)	EPA 8270E_6_(6/18)	5
2-Nitroaniline	EPA 8270E_6_(6/18)	5
2-Nitrophenol	EPA 8270E_6_(6/18)	5
3,3'-Dichlorobenzidine	EPA 8270E_6_(6/18)	5
3-Nitroaniline	EPA 8270E_6_(6/18)	5
4,6-Dinitro-2-methylphenol	EPA 8270E_6_(6/18)	5
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E_6_(6/18)	5
4-Chloro-3-methylphenol	EPA 8270E_6_(6/18)	5
4-Chloroaniline	EPA 8270E_6_(6/18)	5
4-Chlorophenyl phenylether	EPA 8270E_6_(6/18)	5
4-Methylphenol (p-Cresol)	EPA 8270E_6_(6/18)	5
4-Nitroaniline	EPA 8270E_6_(6/18)	5
4-Nitrophenol	EPA 8270E_6_(6/18)	5
Acenaphthene	EPA 8270E_6_(6/18)	5
Acenaphthylene	EPA 8270E_6_(6/18)	5

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Anthracene	EPA 8270E_6_(6/18)	5
Azinphos-methyl (Guthion)	EPA 8270E_6_(6/18)	5
Azobenzene	EPA 8270E_6_(6/18)	5
Benzidine	EPA 8270E_6_(6/18)	5
Benzo(a)anthracene	EPA 8270E_6_(6/18)	5
Benzo(a)pyrene	EPA 8270E_6_(6/18)	5
Benzo(g,h,i)perylene	EPA 8270E_6_(6/18)	5
Benzo(k)fluoranthene	EPA 8270E_6_(6/18)	5
Benzo[b]fluoranthene	EPA 8270E_6_(6/18)	5
Benzoic acid	EPA 8270E_6_(6/18)	5
Benzyl alcohol	EPA 8270E_6_(6/18)	5
bis(2-Chloroethoxy)methane	EPA 8270E_6_(6/18)	5
bis(2-Chloroethyl) ether	EPA 8270E_6_(6/18)	5
bis(2-Chloroisopropyl) ether	EPA 8270E_6_(6/18)	5
Butyl benzyl phthalate	EPA 8270E_6_(6/18)	5
Carbazole	EPA 8270E_6_(6/18)	5
Chlorpyrifos	EPA 8270E_6_(6/18)	5
Chrysene	EPA 8270E_6_(6/18)	5
Di(2-ethylhexyl)phthalate	EPA 8270E_6_(6/18)	5
Dibenz(a,h) anthracene	EPA 8270E_6_(6/18)	5
Dibenzofuran	EPA 8270E_6_(6/18)	5
Diethyl phthalate	EPA 8270E_6_(6/18)	5
Dimethyl phthalate	EPA 8270E_6_(6/18)	5
Di-n-butyl phthalate	EPA 8270E_6_(6/18)	5
Di-n-octyl phthalate	EPA 8270E_6_(6/18)	5
Fluoranthene	EPA 8270E_6_(6/18)	5
Fluorene	EPA 8270E_6_(6/18)	5
Hexachlorobenzene	EPA 8270E_6_(6/18)	5
Hexachlorobutadiene	EPA 8270E_6_(6/18)	5
Hexachlorocyclopentadiene	EPA 8270E_6_(6/18)	5
Hexachloroethane	EPA 8270E_6_(6/18)	5
Indeno(1,2,3-cd) pyrene	EPA 8270E_6_(6/18)	5
Isophorone	EPA 8270E_6_(6/18)	5
Naphthalene	EPA 8270E_6_(6/18)	5
Nitrobenzene	EPA 8270E_6_(6/18)	5
N-Nitrosodimethylamine	EPA 8270E_6_(6/18)	5
N-Nitroso-di-n-propylamine	EPA 8270E_6_(6/18)	5

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
N-Nitrosodiphenylamine	EPA 8270E_6_(6/18)	5
Pentachlorophenol	EPA 8270E_6_(6/18)	5
Phenanthrene	EPA 8270E_6_(6/18)	5
Phenol	EPA 8270E_6_(6/18)	5
Phorate	EPA 8270E_6_(6/18)	5
Pyrene	EPA 8270E_6_(6/18)	5
Gasoline range organics (GRO)	WDOE NWTPH-Gx_(1997)	2
Salmonella	EPA 1682 Biosolids (MSRV)	
Fecal coliform-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
Total coliforms-count	SM 9221 B+E1+C (LTB/BGB/EC-MPN)	
E.coli-count	SM 9221 B+F+C (LTB/BGB/EC Mug-MPN)	
Total coliforms-count	SM 9221 B+F+C (LTB/BGB/EC Mug-MPN)	
Fecal coliform-count	SM 9221 E2+C (A1-MPN)	
Particle Size Distribution	ASTM D422	
Ignitability	EPA 1020B	

Accredited Parameter Note Detail

(2) Washington Department of Ecology Analytical Methods for Petroleum Hydrocarbons, Publication Number ECY 97-602, June 1997. (3) Includes accreditation for selective ion monitoring (SIM). (5) Interim accreditation pending the successful completion of an on-site audit to verify method capabilities (WAC 173-50-100). (6) Provisional accreditation pending submittal of acceptable supporting documentation. (8) Provisional accreditation pending submittal of acceptable Proficiency Testing (PT) results (WAC 173-50-110). (10) Accreditation is limited to liquid matrix only.

Rebecca Wood

Authentication Signature

Rebecca Wood, Lab Accreditation Unit Supervisor

08/16/2023

Date