PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc.
has assessed the Organization of:

Analytical Resources, LLC
4611 South 134th Place, Suite 100, Tukwila, WA 98168

(Hereinafter called the Organization) and hereby declares that Organization has met the requirements of ISO/IEC 17025:2017 General Requirements for the competence of Testing and Calibration Laboratories and the United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) requirements identified within the DoD/DOE Quality Systems Manual (DoD/DOE QSM) Version 5.4 October 2021 and is accredited in accordance with the:

United States Department of Defense
Environmental Laboratory Accreditation Program
(DoD-ELAP)

This accreditation demonstrates the technical competence for the defined scope and the operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Environmental Testing
(As detailed in the supplement)

Accreditation claims for such activities shall only be made from the addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation Body's duty to observe and comply with the said rules.

Initial Accreditation Date:	*Issue Date:*	*Expiration Date*
October 10, 2010	February 06, 2023	February 28, 2025

For PJLA

Tracy Szerszen
President

Accreditation No:	*Certificate No:*
66169	L23-107

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: **www.pjlabs.com**

Certificate of Accreditation: Supplement

Analytical Resources, LLC
4611 South 134th Place, Suite 100, Tukwila, WA 98168
Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
General Chemistry	
EPA 180.1 by Nephelometry	10011800
Aqueous	
Turbidity	2055
EPA 353.2 by Colorimetry	10067604
Aqueous	
Nitrate (as N)	1810
Nitrate + Nitrite (as N)	1820
Nitrite (as N)	1840
EPA 410.4 by Spectrophotometry	10077404
Aqueous	
Chemical Oxygen Demand (COD)	1565
EPA 7196A by Colorimetry	10162400
Aqueous	
Hexavalent Chromium (Cr VI)	1045
Solid	
Hexavalent Chromium (Cr VI)	1045
EPA 9040C by Electrometry	10244403
Aqueous	
pH	1900
EPA 9045D by Electrometry	10198455
Solid	
pH	1900
EPA 9060A by TOC Analyzer	10244823
Aqueous	
Total Organic Carbon (TOC)	2040
Plumb 1981 by TOC Analyzer	60006259
Solid	
Total Organic Carbon (TOC)	2040
SM 2130B-01 by Nephelometry	20048220
Aqueous	
Turbidity	2055
SM 2320B (1997) by Titrimetry	20045618
Aqueous	
Alkalinity (as CaCO3)	1505
SM 2540B (1997) by Gravimetry	20049416
Aqueous	
Solids (Total, TS)	1950

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	Code
General Chemistry	
SM 2540C (97) by Gravimetry	20050413
Aqueous	
Solids (Total Dissolved, TDS)	1955
SM 2540D (1997) by Gravimetry	20051212
Aqueous	
Solids (Total Suspended, TSS, Non-Filterable Residue)	1960
SM 2540E (1997) by Gravimetry	20051596
Aqueous	
Solids (Total Volatile, TVS)	1970
SM 2540F (1997) by Gravimetry	20052215
Aqueous	
Solids (Settleable)	1965
SM 2540G (1997) by Gravimetry	20005270
Aqueous	
Solids (Total, TS)	10112
Solid	
Solids (Total, TS)	10112
SM 4500 CL G (1997) by Colorimetry	20087325
Aqueous	
Chloride	1575
SM 4500 CN E by Colorimetry	20096428
Aqueous	
Cyanide (Total)	1635
SM 4500 F C (1997) by Ion Selective Electrode (ISE)	20102414
Aqueous	
Fluoride	1730
SM 4500 NO3 I-00 by Colorimetry	20118574
Aqueous	
Nitrate (as N)	1810
Nitrate + Nitrite (as N)	1820
SM 4500 Norg D (1997) by Colorimetry	20120289
Aqueous	
Total Kjeldahl Nitrogen (TKN)	1795
Solid	
Total Kjeldahl Nitrogen (TKN)	1795
SM 4500 S2 D (2011) by Colorimetry	20125864
Aqueous	
Sulfide	2005

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	Code
General Chemistry	
SM 4500 S2 D (2011) by Colorimetry	20125864
Solid	
Sulfide	2005
SM 4500 SO4 G (1997) by Colorimetry	20134412
Aqueous	
Sulfate	2000
SM 4500-NH3 D (1997) by Colorimetry	20109415
Aqueous	
Ammonia (as N)	1515
SM 4500-NO3 I-00 by Colorimetry	20118574
Aqueous	
Nitrite (as N)	1840
SM 5220D (1997) by Spectrophotometry	20136816
Aqueous	
Chemical Oxygen Demand (COD)	1565
Inorganic	
EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10014003
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silica	1990

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
EPA 200.7 by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10014003
Aqueous	
Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190
EPA 200.8 by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10014809
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190
EPA 245.1 by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10036609
Aqueous	
Mercury	1095

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
EPA 300.0 by Ion Chromatography (IC)	10053200
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Sulfate	2000
Solid	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Sulfate	2000
EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10155916
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silica	1990
Silver	1150
Sodium	1155

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
EPA 6010D by Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)	10155916
Aqueous	
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190
Solid	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Boron	1025
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Strontium	1160
Thallium	1165
Tin	1175
Titanium	1180
Vanadium	1185
Zinc	1190

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
EPA 6020B by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10156420
Aqueous	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Silver	1150
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190
Solid	
Aluminum	1000
Antimony	1005
Arsenic	1010
Barium	1015
Beryllium	1020
Cadmium	1030
Calcium	1035
Chromium	1040
Cobalt	1050
Copper	1055
Iron	1070
Lead	1075

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
EPA 6020B by Inductively Coupled Plasma Mass Spectrometry (ICP/MS)	10156420
Solid	
Magnesium	1085
Manganese	1090
Molybdenum	1100
Nickel	1105
Potassium	1125
Selenium	1140
Sodium	1155
Thallium	1165
Vanadium	1185
Zinc	1190
EPA 7470A by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10165807
Aqueous	
Mercury	1095
EPA 7471B by Cold Vapor Atomic Absorption Spectrophotometry (CVAAS)	10166402
Solid	
Mercury	1095
EPA 9056A by Ion Chromatography (IC)	10199607
Aqueous	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Phosphate	1870
Sulfate	2000
Solid	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Phosphate	1870
Sulfate	2000
SM 4110 B00, 4100 by Ion Chromatography (IC)	20076919
Aqueous	
Bromide	1540

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Accreditation is granted to the facility to perform the following testing:

	Code
Inorganic	
SM 4110 B00, 4100 by Ion Chromatography (IC)	20076919
Aqueous	
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Phosphate	1870
Sulfate	2000
Solid	
Bromide	1540
Chloride	1575
Fluoride	1730
Nitrate (as N)	1810
Nitrite (as N)	1840
Phosphate	1870
Sulfate	2000
Organic	
AK-101 (GRO) by Gas Chromatography Mass Spectrometry (GC/MS)	90015159
Aqueous	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
Solid	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
AK-102 (DRO) by Gas Chromatography Flame Ionization Detection (GC/FID)	90015206
Aqueous	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
Solid	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
AK-103 (RRO) by Gas Chromatography Flame Ionization Detection (GC/FID)	90015400
Aqueous	
Residual Range Organics (RRO)	9506
Solid	
Residual Range Organics (RRO)	9506
EPA 1613B by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS)	10120602
Aqueous	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9516
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD)	9519
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf)	9420
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd)	9426

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	Code
Organic	
EPA 1613B by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS)	10120602
Aqueous	
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf)	9423
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9471
1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd)	9453
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9474
1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd)	9456
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9477
1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd)	9459
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9543
1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd)	9540
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	9480
2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	9549
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	9612
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	9618
Total Heptachlorodibenzofuran (Total HPCDF)	9444
Total Heptachlorodibenzo-p-Dioxin (Total HPCDD)	9438
Total Hexachlorodibenzofuran (Total HXCDF)	9483
Total Hexachlorodibenzo-p-Dioxin (Total HXCDD)	9468
Total Pentachlorodibenzofuran (Total PECDF)	9552
Total Pentachlorodibenzo-p-Dioxin (Total PECDD)	9555
Total Tetrachlorodibenzofuran (Total TCDF)	9615
Total Tetrachlorodibenzo-p-Dioxin (Total TCDD)	9609
Solid	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9516
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD)	9519
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf)	9420
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd)	9426
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf)	9423
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9471
1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd)	9453
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9474
1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd)	9456
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9477
1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd)	9459
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9543
1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd)	9540
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	9480

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	Code
Organic	
EPA 1613B by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS)	10120602
Solid	
2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	9549
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	9612
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	9618
Total Heptachlorodibenzofuran (Total HPCDF)	9444
Total Heptachlorodibenzo-p-Dioxin (Total HPCDD)	9438
Total Hexachlorodibenzofuran (Total HXCDF)	9483
Total Hexachlorodibenzo-p-Dioxin (Total HXCDD)	9468
Total Pentachlorodibenzofuran (Total PECDF)	9552
Total Pentachlorodibenzo-p-Dioxin (Total PECDD)	9555
Total Tetrachlorodibenzofuran (Total TCDF)	9615
Total Tetrachlorodibenzo-p-Dioxin (Total TCDD)	9609
EPA 524.3 by Gas Chromatography Mass Spectrometry (GC/MS)	10089302
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2-Chlorotoluene	4535
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
Benzene	4375
Bromobenzene	4385

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	Code
Organic	
EPA 524.3 by Gas Chromatography Mass Spectrometry (GC/MS)	10089302
Aqueous	
Bromochloromethane	4390
Bromochloromethane	4390
Carbon Tetrachloride	4455
Chlorobenzene	4475
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dibromomethane (Methylene Bromide)	4595
Ethylbenzene	4765
Hexachloro-1,3-Butadiene	4835
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Chloride (Chloroethene)	5235
EPA 608.3 by Gas Chromatography Electron Capture Detector (GC/ECD)	10296614
Aqueous	
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240

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	Code
Organic	
EPA 608.3 by Gas Chromatography Electron Capture Detector (GC/ECD)	10296614
Aqueous	
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
Aroclor 1262	8912
Aroclor 1268	8913
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (γ-BHC, Lindane)	7120
Heptachlor	7685
Heptachlor Epoxide	7690
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Methoxychlor	7810
Toxaphene (Chlorinated Camphene)	8250
trans-Chlordane (beta-Chlordane, gamma-Chlordane)	7245
EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10298121
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670

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	Code
Organic	
EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10298121
Aqueous	
1,2,3-Trichlorobenzene	5150
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645

Analytical Resources, LLC
4611 South 134th Place, Suite 100, Tukwila, WA 98168
Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 624.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10298121
Aqueous	
cis-1,3-Dichloropropene	4680
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
Hexachloro-1,3-Butadiene	4835
Iodomethane (Methyl Iodide)	4870
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235
EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10300024
Aqueous	
1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1-Methylnaphthalene	6380
2,2'-Oxybis(1-Chloropropane)	4659
2,3,4,6-Tetrachlorophenol	6735

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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10300024
Aqueous	
2,4,5-Trichlorophenol	6835
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3´-Dichlorobenzidine	5945
3-Nitroaniline	6465
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3,4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Aniline	5545
Anthracene	5555
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(g,h,i)Perylene	5590
Benzofluoranthene(s) (Total)	5601
Benzoic Acid	5610
Benzyl Alcohol	5630
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)Ether	5765

Certificate of Accreditation: Supplement

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Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 625.1 by Gas Chromatography Mass Spectrometry (GC/MS)	10300024
Aqueous	
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) phthalate)	6065
Butyl Benzyl Phthalate	5670
Carbazole	5680
Chrysene	5855
Dibenzofuran	5905
Dibutyl Phenyl Phosphate	5912
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095
EPA 8015C by Gas Chromatography Flame Ionization Detection (GC/FID)	10173816
Aqueous	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
Solid	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)	10178811
Aqueous	
2,4'-DDD	8580
2,4'-DDE	8585

Certificate of Accreditation: Supplement

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Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)	10178811
Aqueous	
2,4'-DDT	8590
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
Chlordane (Technical)	7250
cis-Nonachlor	7925
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (γ-BHC, Lindane)	7120
Heptachlor	7685
Heptachlor Epoxide	7690
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Methoxychlor	7810
Mirex	7870
Oxychlordane	3890
Toxaphene (Chlorinated Camphene)	8250
trans-Chlordane (beta-Chlordane, gamma-Chlordane)	7245
trans-Nonachlor	7910
Solid	
2,4'-DDD	8580
2,4'-DDE	8585
2,4'-DDT	8590
4,4'-DDD	7355
4,4'-DDE	7360
4,4'-DDT	7365

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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8081B by Gas Chromatography Electron Capture Detector (GC/ECD)	10178811
Solid	
Aldrin	7025
alpha-BHC (a-BHC, alpha-Hexachlorocyclohexane)	7110
alpha-Chlordane (cis-Chlordane)	7240
beta-BHC (b-BHC, beta-Hexachlorocyclohexane)	7115
Chlordane (Technical)	7250
cis-Nonachlor	7925
delta-BHC (d-BHC)	7105
Dieldrin	7470
Endosulfan I	7510
Endosulfan II	7515
Endosulfan Sulfate	7520
Endrin	7540
Endrin Aldehyde	7530
Endrin Ketone	7535
gamma-BHC (γ-BHC, Lindane)	7120
Heptachlor	7685
Heptachlor Epoxide	7690
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Methoxychlor	7810
Mirex	7870
Oxychlordane	3890
Toxaphene (Chlorinated Camphene)	8250
trans-Chlordane (beta-Chlordane, gamma-Chlordane)	7245
trans-Nonachlor	7910
EPA 8082A by Gas Chromatography Electron Capture Detector (GC/ECD)	10179201
Aqueous	
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
Aroclor 1262	8912
Aroclor 1268	8913

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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8082A by Gas Chromatography Electron Capture Detector (GC/ECD)	10179201
Solid	
Aroclor 1016	8880
Aroclor 1221	8885
Aroclor 1232	8890
Aroclor 1242	8895
Aroclor 1248	8900
Aroclor 1254	8905
Aroclor 1260	8910
Aroclor 1262	8912
Aroclor 1268	8913
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromo-3-Chloropropane (DBCP)	4570
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535
2-Hexanone (Methyl Butyl Ketone, MBK)	4860

Analytical Resources, LLC
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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
Hexachloro-1,3-Butadiene	4835
Iodomethane (Methyl Iodide)	4870
Isopropylbenzene (Cumene)	4900
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440
Styrene	5100

Analytical Resources, LLC
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Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Aqueous	
tert-Butylbenzene	4445
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Toluene	5140
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
trans-1,4-Dichloro-2-Butene	4605
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235
Solid	
1,1,1,2-Tetrachloroethane	5105
1,1,1-Trichloroethane	5160
1,1,2,2-Tetrachloroethane	5110
1,1,2-Trichloro-1,2,2-Trifluoroethane (Trichlorotrifluoroethane, Freon 113)	5185
1,1,2-Trichloroethane	5165
1,1-Dichloroethane	4630
1,1-Dichloroethylene	4640
1,1-Dichloropropene	4670
1,2,3-Trichlorobenzene	5150
1,2,3-Trichloropropane (TCP)	5180
1,2,4-Trichlorobenzene	5155
1,2,4-Trimethylbenzene	5210
1,2-Dibromoethane (EDB, Ethylene Dibromide)	4585
1,2-Dichlorobenzene	4610
1,2-Dichloroethane (Ethylene Dichloride, EDC)	4635
1,2-Dichloropropane	4655
1,3,5-Trimethylbenzene	5215
1,3-Dichlorobenzene (1,3-DCB)	4615
1,3-Dichloropropane	4660
1,4-Dichlorobenzene	4620
2,2-Dichloropropane	4665
2-Butanone (Methyl Ethyl Ketone, MEK)	4410
2-Chloroethyl Vinyl Ether (2-CEVE)	4500
2-Chlorotoluene	4535

Analytical Resources, LLC
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Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Solid	
2-Hexanone (Methyl Butyl Ketone, MBK)	4860
4-Chlorotoluene (p-Chlorotoluene)	4540
4-Isopropyltoluene (p-Isopropyltoluene, p-Cymene)	4910
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone (MIBK), Hexone)	4995
Acetone	4315
Acrolein (Propenal)	4325
Acrylonitrile	4340
Benzene	4375
Bromobenzene	4385
Bromochloromethane	4390
Bromodichloromethane	4395
Bromoethane (Ethyl Bromide)	4397
Bromoform	4400
Carbon Disulfide	4450
Carbon Tetrachloride	4455
Chlorobenzene	4475
Chlorodibromomethane (Dibromochloromethane)	4575
Chloroethane (Ethyl Chloride)	4485
Chloroform	4505
cis-1,2-Dichloroethylene	4645
cis-1,3-Dichloropropene	4680
Dibromomethane (Methylene Bromide)	4595
Dichlorodifluoromethane (Freon 12)	4625
Ethylbenzene	4765
Hexachloro-1,3-Butadiene	4835
Iodomethane (Methyl Iodide)	4870
m,p-Xylene	5240
Methyl Bromide (Bromomethane)	4950
Methyl Chloride (Chloromethane)	4960
Methyl tert Butyl Ether (MTBE)	5000
Methylene Chloride (Dichloromethane)	4975
Naphthalene	5005
n-Butylbenzene	4435
n-Propylbenzene (1-phenylpropane)	5090
o-Xylene (1,2-Xylene)	5250
sec-Butylbenzene	4440

Certificate of Accreditation: Supplement

Analytical Resources, LLC
4611 South 134th Place, Suite 100, Tukwila, WA 98168
Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8260D by Gas Chromatography Mass Spectrometry (GC/MS)	10307127
Solid	
Styrene	5100
tert-Butylbenzene	4445
Tetrachloroethylene (Perchloroethylene, PCE)	5115
Toluene	5140
trans-1,2-Dichloroethylene	4700
trans-1,3-Dichloropropylene	4685
trans-1,4-Dichloro-2-Butene	4605
Trichloroethene (TCE, Trichloroethylene)	5170
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175
Vinyl Acetate	5225
Vinyl Chloride (Chloroethene)	5235
EPA 8260D SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10307138
Aqueous	
1,1,1-Trichloroethane	5160
1,1-Dichloroethylene	4640
Trichloroethene (TCE, Trichloroethylene)	5170
Vinyl Chloride (Chloroethene)	5235
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Aqueous	
1,2,4,5-Tetrachlorobenzene	6715
1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Methylnaphthalene	6380
2,2'-Oxybis(1-Chloropropane)	4659
2,3,4,6-Tetrachlorophenol	6735
2,4,5-Trichlorophenol	6835
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795

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	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Aqueous	
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6500
3,3´-Dichlorobenzidine	5945
3-Nitroaniline	6465
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3,4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Aniline	5545
Anthracene	5555
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)Ether	5765
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) phthalate)	6065
Butyl Benzyl Phthalate	5670
Butyl Diphenyl Phosphate	5671
Butylated Hydroxy Toluene (BHT)	5673
Carbazole	5680
Chrysene	5855
Dibenz(a,h)Anthracene	5895

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	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Aqueous	
Dibenzofuran	5905
Dibutyl Phenyl Phosphate	5912
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
Pentachlorophenol (PCP)	6605
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095
Tributyl Phosphate	8262
Triphenyl Phosphate	8282
Solid	
1,2,4-Trichlorobenzene	5155
1,2-Dichlorobenzene	4610
1,3-Dichlorobenzene (1,3-DCB)	4615
1,4-Dichlorobenzene	4620
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Methylnaphthalene	6380
2,2'-Oxybis(1-Chloropropane)	4659
2,3,4,6-Tetrachlorophenol	6735
2,4,5-Trichlorophenol	6835

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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Solid	
2,4,6-Trichlorophenol	6840
2,4-Dichlorophenol	6000
2,4-Dimethylphenol	6130
2,4-Dinitrophenol	6175
2,4-Dinitrotoluene (2,4-DNT)	6185
2,6-Dinitrotoluene (2,6-DNT)	6190
2-Chloronaphthalene	5795
2-Chlorophenol	5800
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-2-Methylphenol)	6360
2-Methylnaphthalene	6385
2-Methylphenol (o-Cresol)	6400
2-Nitroaniline	6460
2-Nitrophenol	6490
3,3´-Dichlorobenzidine	5945
3-Nitroaniline	6465
4-Bromophenyl Phenyl Ether (BDE-3)	5660
4-Chloro-3-Methylphenol	5700
4-Chloroaniline	5745
4-Chlorophenyl Phenylether	5825
4-Methylphenol (p-Cresol, as 3,4-Methylphenol)	6410
4-Nitroaniline	6470
4-Nitrophenol	6500
Acenaphthene	5500
Acenaphthylene	5505
Aniline	5545
Anthracene	5555
Benzidine	5595
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Benzoic Acid	5610
Benzyl Alcohol	5630
bis(2-Chloroethoxy)Methane	5760
bis(2-Chloroethyl)Ether	5765

Certificate of Accreditation: Supplement

Analytical Resources, LLC
4611 South 134th Place, Suite 100, Tukwila, WA 98168
Contact Name: Bob Congleton Phone: 206-695-6205

Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
EPA 8270E by Gas Chromatography Mass Spectrometry (GC/MS)	10242543
Solid	
bis(2-Ethylhexy)Phthalate (DEHP, as di(2-ethylhexyl) phthalate)	6065
Butyl Benzyl Phthalate	5670
Butyl Diphenyl Phosphate	5671
Butylated Hydroxy Toluene (BHT)	5673
Carbazole	5680
Chrysene	5855
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Dibutyl Phenyl Phosphate	5912
Diethyl Phthalate	6070
Dimethyl Phthalate	6135
di-n-Butyl Phthalate	5925
di-n-Octyl Phthalate	6200
Fluoranthene	6265
Fluorene	6270
Hexachlorobenzene	6275
Hexachlorobutadiene	4835
Hexachlorocyclopentadiene	6285
Hexachloroethane	4840
Indeno(1,2,3,cd)Pyrene	6315
Isophorone	6320
Naphthalene	5005
Nitrobenzene	5015
n-Nitrosodimethylamine	6530
n-Nitrosodi-n-Propylamine	6545
n-Nitrosodiphenylamine	6535
Phenanthrene	6615
Phenol	6625
Pyrene	6665
Pyridine	5095
Tributyl Phosphate	8262
Triphenyl Phosphate	8282
EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10242565
Aqueous	
1,4-Dioxane (1,4-Diethyleneoxide, p-Dioxane)	4735
1-Methylnaphthalene	6380

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	Code
Organic	
EPA 8270E SIM by Gas Chromatography Mass Spectrometry (GC/MS) Selective Ion Monitoring (SIM)	10242565
Aqueous	
2-Methylnaphthalene	6385
Acenaphthene	5500
Acenaphthylene	5505
Anthracene	5555
Benzo(a)Anthracene	5575
Benzo(a)Pyrene	5580
Benzo(b)Fluoranthene	5585
Benzo(g,h,i)Perylene	5590
Benzo(k)Fluoranthene	5600
Chyrsene	5855
Dibenz(a,h)Anthracene	5895
Dibenzofuran	5905
Fluoranthene	6265
Fluorene	6270
Indeno(1,2,3,cd)Pyrene	6315
Naphthalene	5005
Perylene	6608
Phenanthrene	6615
Pyrene	6665
EPA 8290A by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS)	10187403
Aqueous	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9516
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD)	9519
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf)	9420
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd)	9426
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf)	9423
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9471
1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd)	9453
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9474
1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd)	9456
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9477
1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd)	9459
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9543
1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd)	9540
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	9480
2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	9549

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	Code
Organic	
EPA 8290A by High Resolution Gas Chromatography / Mass Spectrometry (HRGC/HRMS)	10187403
Aqueous	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	9612
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	9618
Total Heptachlorodibenzofuran (Total HPCDF)	9444
Total Heptachlorodibenzo-p-Dioxin (Total HPCDD)	9438
Total Hexachlorodibenzofuran (Total HXCDF)	9483
Total Hexachlorodibenzo-p-Dioxin (Total HXCDD)	9468
Total Pentachlorodibenzofuran (Total PECDF)	9552
Total Pentachlorodibenzo-p-Dioxin (Total PECDD)	9555
Total Tetrachlorodibenzofuran (Total TCDF)	9615
Total Tetrachlorodibenzo-p-Dioxin (Total TCDD)	9609
Solid	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	9516
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-Dioxin (OCDD)	9519
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-Hpcdf)	9420
1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin (1,2,3,4,6,7,8-Hpcdd)	9426
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-Hpcdf)	9423
1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	9471
1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,4,7,8-Hxcdd)	9453
1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	9474
1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin (1,2,3,6,7,8-Hxcdd)	9456
1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	9477
1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin (1,2,3,7,8,9-Hxcdd)	9459
1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	9543
1,2,3,7,8-Pentachlorodibenzo-p-Dioxin (1,2,3,7,8-Pecdd)	9540
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	9480
2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	9549
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	9612
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	9618
Total Heptachlorodibenzofuran (Total HPCDF)	9444
Total Heptachlorodibenzo-p-Dioxin (Total HPCDD)	9438
Total Hexachlorodibenzofuran (Total HXCDF)	9483
Total Hexachlorodibenzo-p-Dioxin (Total HXCDD)	9468
Total Pentachlorodibenzofuran (Total PECDF)	9552
Total Pentachlorodibenzo-p-Dioxin (Total PECDD)	9555
Total Tetrachlorodibenzofuran (Total TCDF)	9615
Total Tetrachlorodibenzo-p-Dioxin (Total TCDD)	9609

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Accreditation is granted to the facility to perform the following testing:

	Code
Organic	
NWTPH-D by Gas Chromatography Flame Ionization Detection (GC/FID)	90018409
Aqueous	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
Solid	
Total Petroleum Hydrocarbons Diesel Range Organics (TPH DRO)	9369
NWTPH-Dext by Gas Chromatography Flame Ionization Detection (GC/FID)	90018409
Aqueous	
Motor Oil (Residual Range Organics (RRO))	9506
Solid	
Motor Oil (Residual Range Organics (RRO))	9506
NWTPH-G by Gas Chromatography Mass Spectrometry (GC/MS)	90018658
Aqueous	
Total Petroleum Hydrocarbons Gasoline Range Organics (TPH GRO)	9408
WA-EPH by Gas Chromatography Flame Ionization Detection (GC/FID)	60015001
Aqueous	
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C10-C12)	6211
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C16-C21)	6214
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C21-C34)	6216
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C8-C10)	6219
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C10-C12)	6224
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C12-C16)	6226
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C16-C21)	6228
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C21-C34)	6231
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C8-C10)	6236
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C12-C16)	6212
Solid	
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C10-C12)	6211
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C16-C21)	6214
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C21-C34)	6216
Extractable Petroleum Hydrocarbons (EPH) (Aliphatic >C8-C10)	6219
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C10-C12)	6224
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C12-C16)	6226
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C16-C21)	6228
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C21-C34)	6231
Extractable Petroleum Hydrocarbons (EPH) (Aromatic >C8-C10)	6236
Extractable Petroleum Hydrocarbons (EPH) Aliphatic >C12-C16)	6212

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Accreditation is granted to the facility to perform the following testing:

		Code
Organic		
WA-VPH by Gas Chromatography Flame Ionization Photoionization Detection (GC/FID/PID)		60015056
Solid		
Volatile Petroleum Hydrocarbons (VPH)		5207
Preparation		
Aqueous		
EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)	
EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)	
EPA 3005A	Acid Digestion of Waters for Total Recoverable or Dissolved Metals	
EPA 3010A	Acid Digestion for Total Metals	
EPA 3020A	Acid Digestion of Aqueous Samples and Extracts for Total Metals	
EPA 3510C	Separatory Funnel Liquid-Liquid Extraction	
EPA 3520C	Continuous Liquid-Liquid Extraction	
EPA 3580A	Waste Dilution Extraction for Extractable Organics	
EPA 3630C	Silica Gel Clean Up	
EPA 5030B	Purge-and-Trap for Volatile Organics in Aqueous Samples	
Solid		
EPA 3050B	Acid Digestion for Metals	
EPA 3060A	Alkaline Digestion (Hexavalent Chromium)	
EPA 3540C	Soxhlet Extraction (Non-Automated)	
EPA 3546	Microwave Extraction (Organics)	
EPA 3550C	Ultrasonic Extraction	
EPA 3580A	Waste Dilution Extraction for Extractable Organics	
EPA 3630C	Silica Gel Clean Up	
EPA 5035A	Purge-and-Trap and Extraction For Volatile Organics (Closed-System)	
EPA 9010C	Cyanide (Total and Amenable) Distillation	
EPA 9030B	Distillation (Acid-Soluble and Acid-Insoluble Sulfides)	

Footnotes:
> Method codes are typically based on The NELAC Institute (TNI) Laboratory Accreditation Management System (LAMS) and are used to compare to the laboratory reported Performance Test (PT) results. Although the method code may not represent the specific method version, it is the method code used to represent the method/technology used to report PTs. (NC = No Code)