



Oregon Environmental Laboratory Accreditation Program



NELAP Recognized

Friedman & Bruya, Inc

WA100005

5500 4th Ave S
Seattle, WA 98108

IS GRANTED APPROVAL BY ORELAP UNDER THE 2016 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

Air	Drinking Water	Non-Potable Water	Solids & Chem. Waste	Tissue
Chemistry	Chemistry	Chemistry	Chemistry	

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Oregon State Public Health Laboratory
ORELAP Program Manager
7202 NE Evergreen Parkway, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : **04/10/2026**

EXPIRATION DATE : **04/05/2027**

Certificate No : **WA100005 - 028**



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Friedman & Bruya, Inc
5500 4th Ave S
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ORELAP ID: WA100005
EPA CODE: WA00112
Certificate: WA100005 - 028

Issue Date: 4/10/2026 Expiration Date: 4/5/2027

As of 4/10/2026 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Air	EPA TO-15				1999	10248803	VOCs collected in Canisters by GC/MS
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		5155	1,2,4-Trichlorobenzene				
		5210	1,2,4-Trimethylbenzene				
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)				
		4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)				
		4610	1,2-Dichlorobenzene				
		4635	1,2-Dichloroethane (Ethylene dichloride)				
		4655	1,2-Dichloropropane				
		5215	1,3,5-Trimethylbenzene				
		9318	1,3-Butadiene				
		4615	1,3-Dichlorobenzene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		4836	1-Propene (Propylene)				
		5220	2,2,4-Trimethylpentane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4542	4-Ethyltoluene				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4325	Acrolein (Propenal)				
		4355	Allyl chloride (3-Chloropropene)				
		4375	Benzene				
		5635	Benzyl chloride				
		4395	Bromodichloromethane				
		4400	Bromoform				



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Air	EPA TO-15				1999	10248803	VOCs collected in Canisters by GC/MS
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		4555	Cyclohexane				
		4625	Dichlorodifluoromethane (Freon-12)				
		4750	Ethanol				
		4755	Ethyl acetate				
		4765	Ethylbenzene				
		9408	Gasoline range organics (GRO)				
		4835	Hexachlorobutadiene				
		4895	Isopropyl alcohol (2-Propanol, Isopropanol)				
		4900	Isopropylbenzene (Cumene)				
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		4990	Methyl methacrylate				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		5007	n-Butane				
		4825	n-Heptane				
		4855	n-Hexane				
		5026	n-Nonane				
		5028	n-Pentane				
		5090	n-Propylbenzene				
		5005	Naphthalene				
		5250	o-Xylene				
		5100	Styrene				
		4420	tert-Butyl alcohol				
		5115	Tetrachloroethylene (Perchloroethylene)				
		5120	Tetrahydrofuran (THF)				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description					
Air	EPA TO-15	5140	Toluene		1999	10248803	VOCs collected in Canisters by GC/MS					
		4700	trans-1,2-Dichloroethylene									
		4685	trans-1,3-Dichloropropylene									
		5170	Trichloroethene (Trichloroethylene)									
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)									
		5225	Vinyl acetate									
		5230	Vinyl bromide (Bromoethane)									
		5235	Vinyl chloride									
			EPA TO-17	5105				1,1,1,2-Tetrachloroethane		1999	10312206	Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling Onto Sorbent Tubes
				5160				1,1,1-Trichloroethane				
5110	1,1,2,2-Tetrachloroethane											
5165	1,1,2-Trichloroethane											
4630	1,1-Dichloroethane											
4640	1,1-Dichloroethylene											
4670	1,1-Dichloropropene											
5150	1,2,3-Trichlorobenzene											
5180	1,2,3-Trichloropropane											
5155	1,2,4-Trichlorobenzene											
5210	1,2,4-Trimethylbenzene											
4570	1,2-Dibromo-3-chloropropane (DBCP)											
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)											
4610	1,2-Dichlorobenzene											
4635	1,2-Dichloroethane (Ethylene dichloride)											
4655	1,2-Dichloropropane											
5215	1,3,5-Trimethylbenzene											
4615	1,3-Dichlorobenzene											
4660	1,3-Dichloropropane											
4620	1,4-Dichlorobenzene											
6380	1-Methylnaphthalene											
4665	2,2-Dichloropropane											



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Air	EPA TO-17				1999	10312206	Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling Onto Sorbent Tubes
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		6385	2-Methylnaphthalene				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4375	Benzene				
		4385	Bromobenzene				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4505	Chloroform				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4895	Isopropyl alcohol (2-Propanol, Isopropanol)				
		4900	Isopropylbenzene (Cumene)				
		5240	m+p-xylene				
		5000	Methyl tert-butyl ether (MTBE)				
		4855	n-Hexane				
		5090	n-Propylbenzene				
		5005	Naphthalene				
		5250	o-Xylene				
		4440	sec-Butylbenzene				
		5100	Styrene				
		4420	tert-Butyl alcohol				
		4445	tert-Butylbenzene				



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Air	EPA TO-17				1999	10312206	Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling Onto Sorbent Tubes	
		5115	Tetrachloroethylene (Perchloroethylene)					
		5140	Toluene					
		4700	trans-1,2-Dichloroethylene					
		4685	trans-1,3-Dichloropropylene					
		5170	Trichloroethene (Trichloroethylene)					
		5235	Vinyl chloride					
		5260	Xylene (total)					
		MADEP APH				2009	90017188	Air-Phase Petroleum Hydrocarbons
				3792	APH Aliphatics C5-C8			
		3793	APH Aliphatics C9-C12					
		3794	APH Aromatics C9-C10					
Drinking Water	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS	
		1010	Arsenic					
		1015	Barium					
		1030	Cadmium					
		1040	Chromium					
		1055	Copper					
		1070	Iron					
		1075	Lead					
		1095	Mercury					
		1105	Nickel					
		1140	Selenium					
		1150	Silver					
1190	Zinc							
Non-Potable Water	EPA 1631E				2002	10237204	Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence	
		1095	Mercury					
	EPA 200.8				5.4	1994	10014605	Metals by ICP-MS
		1005	Antimony					
		1010	Arsenic					
	1015	Barium						



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS
		1020	Beryllium				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
		1075	Lead				
		1090	Manganese				
		1095	Mercury				
		1100	Molybdenum				
		1105	Nickel				
		1140	Selenium				
		1150	Silver				
		1165	Thallium				
	1185	Vanadium					
	1190	Zinc					
	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1540	Bromide				
		1575	Chloride				
		1730	Fluoride				
		1810	Nitrate as N				
		1820	Nitrate plus Nitrite as N				
		1840	Nitrite as N				
		1870	Orthophosphate as P				
		2000	Sulfate				
	EPA 3005A				1992	10133207	Acid Digestion of waters for Total Recoverable or Dissolved Metals
		1401	Acid Digestion of Aqueous samples and Extracts for Total Metals				
	EPA 3510C				1996	10138202	Separatory Funnel Liquid-liquid extraction
		1444	Separatory Funnel Liquid-Liquid Extraction				
	EPA 3630C				1996	10146802	Silica gel cleanup
		1446	Silica Gel Clean-up				
	EPA 5030C				2003	10284603	Purge-and-Trap for Aqueous Samples
		1406	Aqueous-phase Purge & Trap				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 6020B			Update V	2014	10156420	Inductively Coupled Plasma-Mass Spectrometry
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
		1075	Lead				
		1090	Manganese				
		1095	Mercury				
		1100	Molybdenum				
		1105	Nickel				
		1140	Selenium				
		1150	Silver				
		1165	Thallium				
		1185	Vanadium				
1190	Zinc						
	EPA 8021B			Update V	2014	10174819	Aromatic and Halogenated Volatiles by Gas Chromatography Using Photo Ionization and/or Electrolytic Conductivity Detectors
		4375	Benzene				
		4765	Ethylbenzene				
		5140	Toluene				
		5260	Xylene (total)				
	EPA 8081B				2007	10178811	Organochlorine Pesticides by Gas Chromatography
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		7240	cis-chlordane (alpha-Chlordane)				
		7105	delta-BHC				
		7470	Dieldrin				



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Non-Potable Water	EPA 8081B				2007	10178811	Organochlorine Pesticides by Gas Chromatography
		7510	Endosulfan I				
		7515	Endosulfan II				
		7520	Endosulfan sulfate				
		7540	Endrin				
		7530	Endrin aldehyde				
		7535	Endrin ketone				
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)				
		7245	gamma-Chlordane				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		7810	Methoxychlor				
		8250	Toxaphene (Chlorinated camphene)				
	EPA 8082A				2007	10179358	Polychlorinated Biphenyls (PCBs) by GC/ECD
		8880	Aroclor-1016 (PCB-1016)				
		8885	Aroclor-1221 (PCB-1221)				
		8890	Aroclor-1232 (PCB-1232)				
		8895	Aroclor-1242 (PCB-1242)				
		8900	Aroclor-1248 (PCB-1248)				
		8905	Aroclor-1254 (PCB-1254)				
		8910	Aroclor-1260 (PCB-1260)				
		8912	Aroclor-1262 (PCB-1262)				
		8913	Aroclor-1268 (PCB-1268)				
	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		4670	1,1-Dichloropropene				
		5150	1,2,3-Trichlorobenzene				
		5180	1,2,3-Trichloropropane				
		5155	1,2,4-Trichlorobenzene				
		5210	1,2,4-Trimethylbenzene				
4570	1,2-Dibromo-3-chloropropane (DBCP)						



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Non-Potable Water	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)				
		4610	1,2-Dichlorobenzene				
		4635	1,2-Dichloroethane (Ethylene dichloride)				
		4655	1,2-Dichloropropane				
		5215	1,3,5-Trimethylbenzene				
		4615	1,3-Dichlorobenzene				
		4660	1,3-Dichloropropane				
		4620	1,4-Dichlorobenzene				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4375	Benzene				
		4385	Bromobenzene				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		9375	Di-isopropylether (DIPE)				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)				
4765	Ethylbenzene						
4835	Hexachlorobutadiene						
4900	Isopropylbenzene (Cumene)						



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Non-Potable Water	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		4855	n-Hexane				
		5090	n-Propylbenzene				
		5005	Naphthalene				
		5250	o-Xylene				
		4440	sec-Butylbenzene				
		5100	Styrene				
		4370	T-amylmethylether (TAME)				
		4420	tert-Butyl alcohol				
		4445	tert-Butylbenzene				
		5115	Tetrachloroethylene (Perchloroethylene)				
		5140	Toluene				
		4700	trans-1,2-Dichloroethylene				
		4685	trans-1,3-Dichloropropylene				
		5170	Trichloroethene (Trichloroethylene)				
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
5235	Vinyl chloride						
5260	Xylene (total)						
	EPA 8260D SIM				2018	10307138	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry Selected Ion Monitoring (GC/MS SIM)
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
	EPA 8270E				2017	10242543	Semivolatile Organic compounds by GC/MS
		5155	1,2,4-Trichlorobenzene				
		4610	1,2-Dichlorobenzene				
		6220	1,2-Diphenylhydrazine				
		4615	1,3-Dichlorobenzene				
		4620	1,4-Dichlorobenzene				
		6380	1-Methylnaphthalene				



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Non-Potable Water	EPA 8270E				2017	10242543	Semivolatile Organic compounds by GC/MS
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether				
		6835	2,4,5-Trichlorophenol				
		6840	2,4,6-Trichlorophenol				
		6000	2,4-Dichlorophenol				
		6130	2,4-Dimethylphenol				
		6175	2,4-Dinitrophenol				
		6185	2,4-Dinitrotoluene (2,4-DNT)				
		6190	2,6-Dinitrotoluene (2,6-DNT)				
		5795	2-Chloronaphthalene				
		5800	2-Chlorophenol				
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)				
		6385	2-Methylnaphthalene				
		6400	2-Methylphenol (o-Cresol)				
		6460	2-Nitroaniline				
		6490	2-Nitrophenol				
		6412	3 & 4 Methylphenol				
		5945	3,3'-Dichlorobenzidine				
		6465	3-Nitroaniline				
		5660	4-Bromophenyl phenyl ether (BDE-3)				
		5700	4-Chloro-3-methylphenol				
		5745	4-Chloroaniline				
		5825	4-Chlorophenyl phenylether				
		6470	4-Nitroaniline				
		6500	4-Nitrophenol				
		5500	Acenaphthene				
		5505	Acenaphthylene				
		5555	Anthracene				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
5610	Benzoic acid						
5630	Benzyl alcohol						
5760	bis(2-Chloroethoxy)methane						
5765	bis(2-Chloroethyl) ether						



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Certificate: WA100005 - 028

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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 8270E				2017	10242543	Semivolatile Organic compounds by GC/MS
		5670	Butyl benzyl phthalate				
		5680	Carbazole				
		5855	Chrysene				
		6065	Di(2-ethylhexyl) phthalate (bis (2-Ethylhexyl)phthalate, DEHP)				
		5925	Di-n-butyl phthalate				
		6200	Di-n-octyl phthalate				
		5895	Dibenz(a,h) anthracene				
		5905	Dibenzofuran				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
		6265	Fluoranthene				
		6270	Fluorene				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				
		6545	n-Nitrosodi-n-propylamine				
		6530	n-Nitrosodimethylamine				
		6535	n-Nitrosodiphenylamine				
		5005	Naphthalene				
		5015	Nitrobenzene				
		6605	Pentachlorophenol				
		6615	Phenanthrene				
		6625	Phenol				
6665	Pyrene						
5095	Pyridine						
	EPA 8270E SIM				2018	10242565	Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS-SIM)
		6380	1-Methylnaphthalene				
		6385	2-Methylnaphthalene				
		5500	Acenaphthene				
		5505	Acenaphthylene				
		5555	Anthracene				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Non-Potable Water	EPA 8270E SIM				2018	10242565	Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS-SIM)
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5855	Chrysene				
		5895	Dibenz(a,h) anthracene				
		6265	Fluoranthene				
		6270	Fluorene				
		6315	Indeno(1,2,3-cd) pyrene				
		5005	Naphthalene				
		6605	Pentachlorophenol				
		6615	Phenanthrene				
		6665	Pyrene				
	NWTPH-Dx				04/03/2003	90018409	Oregon DEQ TPH Diesel Range
		9369	Diesel range organics (DRO)				
	NWTPH-Gx				04/03/2003	90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap
		9408	Gasoline range organics (GRO)				
	SM 2340 B			22nd Ed	2011	20046417	Hardness - Hardness by Calculation
		1760	Hardness (calc.)				
Solids	EPA 1631E				2002	10237204	Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence
		1095	Mercury				
	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
	1075	Lead					
	1090	Manganese					



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description	
Solids	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS	
		1095	Mercury					
		1100	Molybdenum					
		1105	Nickel					
		1140	Selenium					
		1150	Silver					
		1165	Thallium					
		1185	Vanadium					
		1190	Zinc					
		EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
			1540	Bromide				
		1575	Chloride					
		1730	Fluoride					
		1810	Nitrate as N					
		1820	Nitrate plus Nitrite as N					
		1840	Nitrite as N					
		1870	Orthophosphate as P					
		2000	Sulfate					
	EPA 3050B				1996	10135601	Acid Digestion of Sediments, Sludges, and soils	
		1400	Acid Digestion of Solids					
	EPA 3550C				2000	10142004	Ultrasonic Extraction	
		1468	Ultrasonic Extraction					
	EPA 3630C				1996	10146802	Silica gel cleanup	
		1446	Silica Gel Clean-up					
	EPA 5035A				2002	10284807	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples	
		1392	Closed-System Purge & Trap (Methanol)					
		1450	Solid-Phase Purge & Trap					
	EPA 6020B			Update V	2014	10156420	Inductively Coupled Plasma-Mass Spectrometry	
		1005	Antimony					
		1010	Arsenic					
		1015	Barium					
		1020	Beryllium					
		1030	Cadmium					
		1040	Chromium					



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 6020B			Update V	2014	10156420	Inductively Coupled Plasma-Mass Spectrometry
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
		1075	Lead				
		1090	Manganese				
		1095	Mercury				
		1100	Molybdenum				
		1105	Nickel				
		1140	Selenium				
		1150	Silver				
		1165	Thallium				
		1185	Vanadium				
1190	Zinc						
	EPA 8021B				1996	10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
		4375	Benzene				
		4765	Ethylbenzene				
		5140	Toluene				
		5260	Xylene (total)				
	EPA 8081B				2007	10178811	Organochlorine Pesticides by Gas Chromatography
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		7240	cis-chlordane (alpha-Chlordane)				
		7105	delta-BHC				
		7470	Dieldrin				
		7510	Endosulfan I				
		7515	Endosulfan II				
		7520	Endosulfan sulfate				
		7540	Endrin				
		7530	Endrin aldehyde				
		7535	Endrin ketone				



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Solids	EPA 8081B	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		2007	10178811	Organochlorine Pesticides by Gas Chromatography
		7245	gamma-Chlordane				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		7810	Methoxychlor				
		8250	Toxaphene (Chlorinated camphene)				
		EPA 8082A				2007	
		8880	Aroclor-1016 (PCB-1016)				
		8885	Aroclor-1221 (PCB-1221)				
		8890	Aroclor-1232 (PCB-1232)				
		8895	Aroclor-1242 (PCB-1242)				
		8900	Aroclor-1248 (PCB-1248)				
		8905	Aroclor-1254 (PCB-1254)				
		8910	Aroclor-1260 (PCB-1260)				
		8912	Aroclor-1262 (PCB-1262)				
		8913	Aroclor-1268 (PCB-1268)				
	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		4670	1,1-Dichloropropene				
		5150	1,2,3-Trichlorobenzene				
		5180	1,2,3-Trichloropropane				
		5155	1,2,4-Trichlorobenzene				
		5210	1,2,4-Trimethylbenzene				
		4570	1,2-Dibromo-3-chloropropane (DBCP)				
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)				
		4610	1,2-Dichlorobenzene				
		4635	1,2-Dichloroethane (Ethylene dichloride)				
		4655	1,2-Dichloropropane				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		5215	1,3,5-Trimethylbenzene				
		4615	1,3-Dichlorobenzene				
		4660	1,3-Dichloropropane				
		4620	1,4-Dichlorobenzene				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4375	Benzene				
		4385	Bromobenzene				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		9375	Di-isopropylether (DIPE)				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4900	Isopropylbenzene (Cumene)				
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description		
Solids	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS		
		4855	n-Hexane						
		5090	n-Propylbenzene						
		5005	Naphthalene						
		5250	o-Xylene						
		4440	sec-Butylbenzene						
		5100	Styrene						
		4370	T-amylmethylether (TAME)						
		4420	tert-Butyl alcohol						
		4445	tert-Butylbenzene						
		5115	Tetrachloroethylene (Perchloroethylene)						
		5140	Toluene						
		4700	trans-1,2-Dichloroethylene						
		4685	trans-1,3-Dichloropropylene						
		5170	Trichloroethene (Trichloroethylene)						
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)						
		5235	Vinyl chloride						
		5260	Xylene (total)						
			EPA 8260D SIM				2018	10307138	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry Selected Ion Monitoring (GC/MS SIM)
				4735	1,4-Dioxane (1,4-Diethyleneoxide)				
			EPA 8270E				2017	10242543	Semivolatile Organic compounds by GC/MS
		5155	1,2,4-Trichlorobenzene						
		4610	1,2-Dichlorobenzene						
		6220	1,2-Diphenylhydrazine						
		4615	1,3-Dichlorobenzene						
		4620	1,4-Dichlorobenzene						
		6380	1-Methylnaphthalene						
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether						
		6835	2,4,5-Trichlorophenol						
		6840	2,4,6-Trichlorophenol						
		6000	2,4-Dichlorophenol						
		6130	2,4-Dimethylphenol						



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 8270E				2017	10242543	Semivolatile Organic compounds by GC/MS
		6175	2,4-Dinitrophenol				
		6185	2,4-Dinitrotoluene (2,4-DNT)				
		6190	2,6-Dinitrotoluene (2,6-DNT)				
		5795	2-Chloronaphthalene				
		5800	2-Chlorophenol				
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)				
		6385	2-Methylnaphthalene				
		6400	2-Methylphenol (o-Cresol)				
		6460	2-Nitroaniline				
		6490	2-Nitrophenol				
		6412	3 & 4 Methylphenol				
		5945	3,3'-Dichlorobenzidine				
		6465	3-Nitroaniline				
		5660	4-Bromophenyl phenyl ether (BDE-3)				
		5700	4-Chloro-3-methylphenol				
		5745	4-Chloroaniline				
		5825	4-Chlorophenyl phenylether				
		6470	4-Nitroaniline				
		6500	4-Nitrophenol				
		5500	Acenaphthene				
		5505	Acenaphthylene				
		5555	Anthracene				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5610	Benzoic acid				
		5630	Benzyl alcohol				
		5760	bis(2-Chloroethoxy)methane				
		5765	bis(2-Chloroethyl) ether				
		5670	Butyl benzyl phthalate				
		5680	Carbazole				
		5855	Chrysene				
		6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)				
		5925	Di-n-butyl phthalate				



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MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Solids	EPA 8270E				2017	10242543	Semivolatile Organic compounds by GC/MS
		6200	Di-n-octyl phthalate				
		5895	Dibenz(a,h) anthracene				
		5905	Dibenzofuran				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
		6265	Fluoranthene				
		6270	Fluorene				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				
		6545	n-Nitrosodi-n-propylamine				
		6530	n-Nitrosodimethylamine				
		6535	n-Nitrosodiphenylamine				
		5005	Naphthalene				
		5015	Nitrobenzene				
		6605	Pentachlorophenol				
		6615	Phenanthrene				
		6625	Phenol				
		6665	Pyrene				
5095	Pyridine						
	EPA 8270E SIM				2018	10242565	Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS-SIM)
		6380	1-Methylnaphthalene				
		6385	2-Methylnaphthalene				
		5500	Acenaphthene				
		5505	Acenaphthylene				
		5555	Anthracene				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5855	Chrysene				
		5895	Dibenz(a,h) anthracene				
		6265	Fluoranthene				



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Solids	EPA 8270E SIM				2018	10242565	Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS-SIM)
		6270	Fluorene				
		6315	Indeno(1,2,3-cd) pyrene				
		5005	Naphthalene				
		6605	Pentachlorophenol				
		6615	Phenanthrene				
		6665	Pyrene				
NWTPH-Dx					04/03/2003	90018409	Oregon DEQ TPH Diesel Range
		9369	Diesel range organics (DRO)				
NWTPH-Gx					04/03/2003	90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap
		9408	Gasoline range organics (GRO)				

