



# Oregon

## Environmental Laboratory Accreditation Program

### ORELAP Fields of Accreditation



Pace Analytical Services, LLC -- Bakersfield  
4100 Atlas Court  
Bakersfield, CA 93308

**ORELAP ID:** 4032  
**EPA CODE:** CA00014  
**Certificate:** 4032 - 010

Issue Date: 4/23/2023 Expiration Date: 4/22/2024

As of 4/23/2023 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Air	EPA TO-15				1999	10248803	VOCs collected in Canisters by GC/MS
		5105	1,1,1,2-Tetrachloroethane				
		5107	1,1,1,2-Tetrafluoroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		4633	1,1-Difluoroethane				
		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)				
		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)				
		4860	2-Hexanone (MBK)				
		4542	4-Ethyltoluene				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4340	Acrylonitrile				
		4355	Allyl chloride (3-Chloropropene)				



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Air	EPA TO-15				1999	10248803	VOCs collected in Canisters by GC/MS
		4375	Benzene				
		5635	Benzyl chloride				
		4395	Bromodichloromethane				
		4400	Bromoform				
		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				
		9375	Di-isopropylether (DIPE)				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4750	Ethanol				
		4755	Ethyl acetate				
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		4870	Iodomethane (Methyl iodide)				
		4895	Isopropyl alcohol (2-Propanol, Isopropanol)				
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		4825	n-Heptane				
		4855	n-Hexane				
		5005	Naphthalene				
		5250	o-Xylene				
		5100	Styrene				
		4370	T-amylmethylether (TAME)				



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Air	EPA TO-15				1999	10248803	VOCs collected in Canisters by GC/MS	
		4420	tert-Butyl alcohol					
		5115	Tetrachloroethylene (Perchloroethylene)					
		5120	Tetrahydrofuran (THF)					
		5140	Toluene					
		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					
		5260	Xylene (total)					
Drinking Water	EPA 120.1					10006403	Conductance - Specific @ 25 C	
		1610	Conductivity					
	EPA 150.1				1982	10008409	pH - Electrometric Measurement	
		1900	pH					
	EPA 160.1				1971	10009208	Total Dissolved Solids, dried @ 180 C.	
		1955	Residue-filterable (TDS)					
	EPA 180.1			2	1993	10011800	Turbidity - Nephelometric	
		2055	Turbidity					
	EPA 200.7				4.4	1994	10013806	ICP - metals
		1000	Aluminum					
		1015	Barium					
		1020	Beryllium					
		1025	Boron					
		1035	Calcium					
		1040	Chromium					
	1055	Copper						
	1070	Iron						
	1085	Magnesium						
	1090	Manganese						
	1100	Molybdenum						



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<b>Drinking Water</b>	EPA 200.7			4.4	1994	10013806	ICP - metals
		1105	Nickel				
		1125	Potassium				
		1990	Silica as SiO <sub>2</sub>				
		1145	Silicon				
		1150	Silver				
		1155	Sodium				
		1185	Vanadium				
		1190	Zinc				
		EPA 200.8			5.4	1994	10014605
		1000	Aluminum				
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1025	Boron				
		1030	Cadmium				
		1040	Chromium				
		1055	Copper				
		1075	Lead				
		1090	Manganese				
		1095	Mercury				
		1100	Molybdenum				
		1105	Nickel				
		1140	Selenium				
		1150	Silver				
		1165	Thallium				
		1184	Uranium (mass)				
		1185	Vanadium				
		1190	Zinc				
	EPA 218.6			3.3	1994	10028009	Dissolved Hexavalent Chromium by Ion Chromatography
		1045	Chromium VI				
	EPA 245.1			3	1994	10036609	Mercury by Cold Vapor Atomic Absorption
		1095	Mercury				
	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1540	Bromide				
		1575	Chloride				



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Drinking Water	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1730	Fluoride				
		1810	Nitrate as N				
		2000	Sulfate				
	EPA 310.1				1978	10054805	Alkalinity as CaCO3
		1505	Alkalinity as CaCO3				
	EPA 314.0					10055400	Perchlorate in Drinking Water by Ion Chromatography
		1895	Perchlorate				
	EPA 335.4			1.0	1993	10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
		1645	Total cyanide				
	EPA 353.2			2	1993	10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
		1815	Nitrate (calc.)				
		1820	Nitrate plus Nitrite as N				
		1840	Nitrite as N				
	EPA 365.1			2	1993	10070005	Phosphorous - Colorimetric, Automated persulfate
		1870	Orthophosphate as P				
	EPA 415.1				1974	10078407	Organic carbon - Combustion or Oxidation
		2040	Total organic carbon				
	EPA 504.1			1.1	1995	10082801	EDB/DBCP/TCP micro-extraction, GC/ECD
		4570	1,2-Dibromo-3-chloropropane (DBCP)				
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)				
EPA 508			3.1	1995	10085208	Chlorinated Pesticides in Water by GC/ECD	
	7025	Aldrin					
	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)					
	7250	Chlordane (tech.)					
	7470	Dieldrin					



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<b>Drinking Water</b>	EPA 508			3.1	1995	10085208	Chlorinated Pesticides in Water by GC/ECD
		7510	Endosulfan I				
		7515	Endosulfan II				
		7520	Endosulfan sulfate				
		7540	Endrin				
		7530	Endrin aldehyde				
		7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		6275	Hexachlorobenzene				
		6285	Hexachlorocyclopentadiene				
		7810	Methoxychlor				
		8870	PCBs				
		8250	Toxaphene (Chlorinated camphene)				
		EPA 515.1			4	1989	10087408
		8655	2,4,5-T				
		8545	2,4-D				
		8560	2,4-DB				
		8530	Bentazon				
		8555	Dalapon				
		8595	Dicamba				
		8605	Dichloroprop (Dichlorprop)				
		8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)				
		6605	Pentachlorophenol				
		8645	Picloram				
		8650	Silvex (2,4,5-TP)				
	EPA 524.2					10088605	Volatile Organic Compounds GC/MS Capillary Column
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		4670	1,1-Dichloropropene				
		5150	1,2,3-Trichlorobenzene				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Drinking Water</b>	EPA 524.2					10088605	Volatile Organic Compounds GC/MS Capillary Column
		5155	1,2,4-Trichlorobenzene				
		5210	1,2,4-Trimethylbenzene				
		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				
		4535	2-Chlorotoluene				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		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				
		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)					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description	
<b>Drinking Water</b>	EPA 524.2					10088605	Volatile Organic Compounds GC/MS Capillary Column	
		4960	Methyl chloride (Chloromethane)					
		5000	Methyl tert-butyl ether (MTBE)					
		4975	Methylene chloride (Dichloromethane)					
		4435	n-Butylbenzene					
		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					
		5205	Total trihalomethanes					
		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 525.2			2	1995	10090003	Semi-Volatile by SPE extraction and GC/MS
			5500	Acenaphthene				
			5505	Acenaphthylene				
			7005	Alachlor				
			7025	Aldrin				
		5555	Anthracene					
		7065	Atrazine					
		5575	Benzo(a)anthracene					
		5580	Benzo(a)pyrene					
		5590	Benzo(g,h,i)perylene					
		5600	Benzo(k)fluoranthene					
		5585	Benzo[b]fluoranthene					
		6062	bis(2-Ethylhexyl)adipate					
		7130	Bromacil					





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<b>Drinking Water</b>	EPA 525.2			2	1995	10090003	Semi-Volatile by SPE extraction and GC/MS
		7160	Butachlor				
		5670	Butyl benzyl phthalate				
		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				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
		7540	Endrin				
		6265	Fluoranthene				
		6270	Fluorene				
		7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		6275	Hexachlorobenzene				
		6285	Hexachlorocyclopentadiene				
		6315	Indeno(1,2,3-cd) pyrene				
		7810	Methoxychlor				
		7835	Metolachlor				
		7845	Metribuzin				
		7875	Molinate				
		5005	Naphthalene				
		6615	Phenanthrene				
		8035	Prometon				
		8045	Propachlor (Ramrod)				
	6665	Pyrene					
	8125	Simazine					
	8220	Thiobencarb					
	EPA 552.3			1	2003	10239608	Haloacetic Acid/Dalapon, Microextraction, Derivatization and GC/ECD
		9312	Bromoacetic acid				
		9336	Chloroacetic acid				
		9357	Dibromoacetic acid				
		9360	Dichloroacetic acid				
		9642	Trichloroacetic acid				



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Drinking Water	EPA 556			1	1998	10097004	Determination of Carbonyl Compounds in Drinking Water by Pentafluorobenzylhydroxylamine Derivatization and Capillary Gas Chromatography with Electron Capture Detection	
		4815	Formaldehyde					
	SM 2130 B-2001				2001	20048219	Turbidity by Nephelometric Method	
		2055	Turbidity					
	SM 2320 B-97				1997	20045607	Alkalinity by Titration Method	
		1615	Corrosivity					
	SM 2340 B-97				1997	20046600	Hardness by calculation	
		1750	Hardness					
	SM 2510 B-97				1997	20048606	Conductivity by Probe	
		1610	Conductivity					
	SM 2540 C-97				1997	1997	20050402	Total Dissolved Solids Dried at 180C
		1955	Residue-filterable (TDS)					
	SM 4500-CI F-2000					2000	20080813	Chlorine (Residual) by DPD Ferrous Titration
		1740	Free chlorine					
	SM 4500-CIO2 D				20th ED	1998	20088806	Chlorine Dioxide by DPD Method
		1590	Chlorine dioxide, res. disinfectant					
	SM 4500-H+ B-2000				online		20105219	pH Value by Electrometric Method .
		1900	pH					
	SM 4500-P F-1999					1999	20125013	Phosphorus - Automated Ascorbic Acid Reduction Method
		1870	Orthophosphate as P					
SM 5310 C-2000				online	2000	20138812	Total Organic Carbon by Persulfate-Ultraviolet Oxidation Met	
	1710	Dissolved organic carbon (DOC)						
	2040	Total organic carbon						
SM 5540 C-2000					2000	20145055	Surfactants - Anionic Surfactants as MBAS	
	2025	Surfactants - MBAS						
SM 9215 B				23rd ED	2004	20179833	Heterotrophic Plate Count - Pour Plate Method	
	2555	Heterotrophic plate count						
SM 9221 B (LTB)				20th ED	1998	20185802	Multiple Tube Fermentation Qualitative (LTB): Total Coliform	
	2500	Total coliforms						



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Drinking Water	SM 9221 B (LTB) + C MPN	2500	Total coliforms	22nd	2006	20186010	Multiple Tube Fermentation Qualitative (LTB): Total Coliform
	SM 9221 B (LTB) + E (EC)	2530	Fecal coliforms	20th ED	1998	20187808	Multiple Tube Fermentation Qualitative (LTB/EC): Total Coliform and Fecal Coliform
	SM 9221 B (LTB) + E (EC) + C MPN	2530	Fecal coliforms	22nd	2006	20189020	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
	SM 9221 B plus F	2525	Escherichia coli	22nd ED	2006	20225814	Multiple Tube Fermentation Technique - Standard Total Coliform Fermentation Technique + Escherichia coli Procedure
	SM 9223 B (Colilert Quanti-Tray)-2004	2525 2500	Escherichia coli Total coliforms	22nd Ed	2004	20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
	SM 9223 B (Colilert)	2525 2500	Escherichia coli Total coliforms	22nd Ed	2004	20212413	Enzyme Substrate Coliform Test (Colilert) P/A
	SM 9223 B (Colilert-18 Quanti-Tray)-2004	2525 2500	Escherichia coli Total coliforms	22nd ED	2004	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
	SM 9223 B (Colilert-18)	2525 2500	Escherichia coli Total coliforms	22nd Ed	2004	20214419	Enzyme Substrate Coliform Test (Colilert-18)
	SM 9230 D Enterolert	2520	Enterococci			20219709	Fluorogenic Quantitative (Enterolert): Enterococci
	SRL 524M-TCP	5180	1,2,3-Trichloropropane		2002	90018534	CA ELAP - Determination of 1, 2, 3-Trichloropropane in Drinking Water by Purge and Trap Gas Chromatography/Mass Spectrometry
	Timberline Ammonia-001	1515	Ammonia as N		2011	60034302	Determination of Inorganic Ammonia by Continuous Flow Gas Diffusion and Conductivity Cell Analysis



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	AK101	GRO			2002	90015002	Determination of Gasoline Range Organics - Alaska Department of Environmental Conservation
		9408	Gasoline range organics (GRO)				
	CA Title 22 WET				1985	90017235	CA Waste Extraction Test (WET)
		1407	California Waste Extraction Test				
	EPA 1010				1986	10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
		1780	Ignitability				
	EPA 120.1					10006403	Conductance - Specific @ 25 C
		1610	Conductivity				
	EPA 1311				1992	10118806	Toxicity Characteristic Leaching Procedure
		8031	Extraction/Preparation				
		1466	Toxicity Characteristic Leaching Procedure (TCLP)				
	EPA 1312				1994	10119003	Synthetic Precipitation Leaching Procedure
		8031	Extraction/Preparation				
		1460	Synthetic Precipitation Leaching Procedure (SPLP)				
	EPA 150.1				1982	10008409	pH - Electrometric Measurement
		1900	pH				
	EPA 160.1				1971	10009208	Total Dissolved Solids, dried @ 180 C.
		1955	Residue-filterable (TDS)				
	EPA 160.4				1971	10010409	Total Volatile Solids, ignition @ 550 C.
		1970	Residue-volatile				
	EPA 1664B				2010	10261617	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
	1860	Oil & Grease					
EPA 180.1				2	1993	10011800	Turbidity - Nephelometric
	2055	Turbidity					
EPA 200.7				4.4	1994	10013806	ICP - metals
	1000	Aluminum					
	1005	Antimony					
	1010	Arsenic					
	1015	Barium					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Non-Potable Water</b>	EPA 200.7			4.4	1994	10013806	ICP - metals
		1020	Beryllium				
		1025	Boron				
		1030	Cadmium				
		1035	Calcium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
		1075	Lead				
		1085	Magnesium				
		1090	Manganese				
		1100	Molybdenum				
		1105	Nickel				
		1125	Potassium				
		1140	Selenium				
		1990	Silica as SiO <sub>2</sub>				
		1145	Silicon				
		1150	Silver				
		1155	Sodium				
	1160	Strontium					
	1165	Thallium					
	1175	Tin					
	1180	Titanium					
	1185	Vanadium					
	1190	Zinc					
	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS
		1000	Aluminum				
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1025	Boron				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1075	Lead				
		1090	Manganese				
		1095	Mercury				



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Non-Potable Water	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS	
		1100	Molybdenum					
		1105	Nickel					
		1140	Selenium					
		1150	Silver					
		1165	Thallium					
		1175	Tin					
		1185	Vanadium					
		1190	Zinc					
		EPA 218.6			3.3	1994	10028009	Dissolved Hexavalent Chromium by Ion Chromatography
			1045	Chromium VI				
	EPA 245.1			3	1994	10036609	Mercury by Cold Vapor Atomic Absorption	
		1095	Mercury					
	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					
		2000	Sulfate					
	EPA 335.4			1.0	1993	10061402	Methods for the Determination of Inorganic Substances in Environmental Samples	
		1645	Total cyanide					
	EPA 350.1			2	1993	10063602	Ammonia Nitrogen - Colorimetric, Auto Phenate	
		1515	Ammonia as N					
	EPA 351.2			2	1993	10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate	
		1795	Total Kjeldahl Nitrogen (TKN)					
	EPA 353.2			2	1993	10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium	
		1815	Nitrate (calc.)					
		1820	Nitrate plus Nitrite as N					
		1840	Nitrite as N					
	EPA 365.1			2	1993	10070005	Phosphorous - Colorimetric, Automated persulfate	
		1870	Orthophosphate as P					
	EPA 365.4				1974	10071202	Phosphorous - Colorimetric, automated block.	
		1910	Phosphorus, total					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 410.4			2	1993	10077404	Chemical Oxygen Demand - Colorimetric, Automated.
		1565	Chemical oxygen demand				
	EPA 415.1				1974	10078407	Organic carbon - Combustion or Oxidation
		2040	Total organic carbon				
	EPA 420.4				1993	10080203	Phenolics, Total Recoverable by Semi-Automated Colorimetry
		1905	Total phenolics				
	EPA 6010B				1996	10155609	ICP - AES
		1000	Aluminum				
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1025	Boron				
		1030	Cadmium				
		1035	Calcium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1070	Iron				
		1075	Lead				
	1085	Magnesium					
	1090	Manganese					
	1100	Molybdenum					
	1105	Nickel					
	1125	Potassium					
	1140	Selenium					
	1990	Silica as SiO <sub>2</sub>					
	1150	Silver					
	1155	Sodium					
	1160	Strontium					
	1165	Thallium					
	1175	Tin					
	1180	Titanium					
	1185	Vanadium					
	1190	Zinc					
	EPA 6020			Update II	1994	10156204	Inductively Coupled Plasma-Mass Spectrometry
		1000	Aluminum				



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Non-Potable Water	EPA 6020			Update II	1994	10156204	Inductively Coupled Plasma-Mass Spectrometry
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1075	Lead				
		1090	Manganese				
		1100	Molybdenum				
		1105	Nickel				
		1140	Selenium				
		1150	Silver				
	1165	Thallium					
	1185	Vanadium					
	1190	Zinc					
	EPA 6020B			Update V	2014	10156420	Inductively Coupled Plasma-Mass Spectrometry
		1095	Mercury				
	EPA 608.3 GC-ECD				2016	10296614	Organochlorine Pesticides and PCBs by GC/ECD
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		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)				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		7250	Chlordane (tech.)				
		7310	Chlorthalonil (Daconil)				
		7240	cis-chlordane (alpha-Chlordane)				





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Non-Potable Water	EPA 608.3 GC-ECD				2016	10296614	Organochlorine Pesticides and PCBs by GC/ECD		
		7105	delta-BHC						
		7470	Dieldrin						
		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						
		7870	Mirex						
		6600	Pentachloronitrobenzene						
		8250	Toxaphene (Chlorinated camphene)						
		EPA 615						10105609 Chlorinated Herbicides by Liquid/Liquid Extraction, Derivitization and GC/ECD	
				8655	2,4,5-T				
				8545	2,4-D				
		8560	2,4-DB						
		8595	Dicamba						
		8605	Dichloroprop (Dichlorprop)						
		8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)						
		8650	Silvex (2,4,5-TP)						
EPA 624.1					2016	10298121	Purgeables by GC/MS		
		5105	1,1,1,2-Tetrachloroethane						
		5160	1,1,1-Trichloroethane						
		5110	1,1,2,2-Tetrachloroethane						
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)						
		5165	1,1,2-Trichloroethane						
		4630	1,1-Dichloroethane						
		4640	1,1-Dichloroethylene						
		4670	1,1-Dichloropropene						
		5150	1,2,3-Trichlorobenzene						



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 624.1				2016	10298121	Purgeables by GC/MS
		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				
		4675	1,3-Dichloropropene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4500	2-Chloroethyl vinyl ether				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4320	Acetonitrile				
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
	4575	Chlorodibromomethane					
	4485	Chloroethane (Ethyl chloride)					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 624.1				2016	10298121	Purgeables by GC/MS
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		9375	Di-isopropylether (DIPE)				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4750	Ethanol				
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		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)				
		4435	n-Butylbenzene				
		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)				
		5120	Tetrahydrofuran (THF)				
		5140	Toluene				
		5205	Total trihalomethanes				
		4700	trans-1,2-Dichloroethylene				
	4685	trans-1,3-Dichloropropylene					
	5170	Trichloroethene (Trichloroethylene)					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 624.1				2016	10298121	Purgeables by GC/MS
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
		5235	Vinyl chloride				
		5260	Xylene (total)				
	EPA 625.1				2016	10300024	Base/Neutrals and Acids by GC/MS
		5155	1,2,4-Trichlorobenzene				
		4610	1,2-Dichlorobenzene				
		4615	1,3-Dichlorobenzene				
		4620	1,4-Dichlorobenzene				
		5790	1-Chloronaphthalene				
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether				
		6735	2,3,4,6-Tetrachlorophenol				
		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)				
		6005	2,6-Dichlorophenol				
		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				
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		5660	4-Bromophenyl phenyl ether (BDE-3)				
		5700	4-Chloro-3-methylphenol				
		5745	4-Chloroaniline				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 625.1				2016	10300024	Base/Neutrals and Acids by GC/MS
		5825	4-Chlorophenyl phenylether				
		6470	4-Nitroaniline				
		6500	4-Nitrophenol				
		5500	Acenaphthene				
		5505	Acenaphthylene				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		5545	Aniline				
		5555	Anthracene				
		5595	Benzidine				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5630	Benzyl alcohol				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		5760	bis(2-Chloroethoxy)methane				
		5765	bis(2-Chloroethyl) ether				
		5670	Butyl benzyl phthalate				
		5680	Carbazole				
		5855	Chrysene				
		7105	delta-BHC				
		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				
		7470	Dieldrin				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
	8625	Disulfoton					
	7510	Endosulfan I					
	7515	Endosulfan II					
	7520	Endosulfan sulfate					
	7540	Endrin					
	7530	Endrin aldehyde					



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<b>Non-Potable Water</b>	EPA 625.1				2016	10300024	Base/Neutrals and Acids by GC/MS
		6265	Fluoranthene				
		6270	Fluorene				
		7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				
		7810	Methoxychlor				
		7825	Methyl parathion (Parathion, methyl)				
		6545	n-Nitrosodi-n-propylamine				
		6530	n-Nitrosodimethylamine				
		6535	n-Nitrosodiphenylamine				
		5005	Naphthalene				
		5015	Nitrobenzene				
		6605	Pentachlorophenol				
	6615	Phenanthrene					
	6625	Phenol					
	7985	Phorate					
	6665	Pyrene					
	5095	Pyridine					
EPA 7196A				Update I	1992	10162400	Chromium Hexavalent colorimetric
	1045	Chromium VI					
EPA 7199					1996	10163005	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography
	1045	Chromium VI					
EPA 7470A					1994	10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
	1095	Mercury					
EPA 8015B					1996	10173601	Non-halogenated organics using GC/FID
	9369	Diesel range organics (DRO)					
	4750	Ethanol					



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Non-Potable Water	EPA 8015B				1996	10173601	Non-halogenated organics using GC/FID
		9408	Gasoline range organics (GRO)				
		4930	Methanol				
	EPA 8021B				1996	10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
		4375	Benzene				
		4765	Ethylbenzene				
		5240	m+p-xylene				
		5000	Methyl tert-butyl ether (MTBE)				
		5250	o-Xylene				
		5140	Toluene				
		5260	Xylene (total)				
	EPA 8081A				1996	10178606	Organochlorine Pesticides by GC/ECD
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		7250	Chlordane (tech.)				
		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				
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)				
		7245	gamma-Chlordane				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		7810	Methoxychlor				
		8250	Toxaphene (Chlorinated camphene)				



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**Certificate:** 4032 - 010

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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Non-Potable Water</b>	EPA 8082				1996	10179007	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)				
	EPA 8141A				1994	10182000	Organophosphorous Pesticides by GC/NPD
		7075	Azinphos-methyl (Guthion)				
		7300	Chlorpyrifos				
		7390	Demeton				
		7395	Demeton-o				
		7385	Demeton-s				
		7410	Diazinon				
		8610	Dichlorovos (DDVP, Dichlorvos)				
		7475	Dimethoate				
		8625	Disulfoton				
		7565	Ethion				
		7570	Ethoprop				
		7770	Malathion				
		7825	Methyl parathion (Parathion, methyl)				
		7955	Parathion, ethyl				
		7985	Phorate				
		8110	Ronnel				
		8200	Tetrachlorvinphos (Stirophos, Gardona) Z-isomer				
	EPA 8151A				1998	10183207	Chlorinated Herbicides by GC/ECD
		8655	2,4,5-T				
		8545	2,4-D				
		8560	2,4-DB				
		8530	Bentazon				
		8555	Dalapon				
		8595	Dicamba				
		8605	Dichloroprop (Dichlorprop)				
		8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)				
		6605	Pentachlorophenol				
		8645	Picloram				





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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8151A				1998	10183207	Chlorinated Herbicides by GC/ECD
		8650	Silvex (2,4,5-TP)				
	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		5105	1,1,1,2-Tetrachloroethane				
		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				
		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				
		4675	1,3-Dichloropropene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4500	2-Chloroethyl vinyl ether				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		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				
		9408	Gasoline range organics (GRO)				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		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)				
		4435	n-Butylbenzene				
	5090	n-Propylbenzene					
	5005	Naphthalene					
	5250	o-Xylene					
	4440	sec-Butylbenzene					
	5100	Styrene					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		4370	T-amylmethylether (TAME)				
		4420	tert-Butyl alcohol				
		4445	tert-Butylbenzene				
		5115	Tetrachloroethylene (Perchloroethylene)				
		5140	Toluene				
		2050	Total Petroleum Hydrocarbons (TPH)				
		5205	Total trihalomethanes				
		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 8260C				1998	10307003
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)				
		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				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8260C				1998	10307003	Volatile Organics: GC/MS (capillary column)
		4615	1,3-Dichlorobenzene				
		4660	1,3-Dichloropropane				
		4675	1,3-Dichloropropene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4500	2-Chloroethyl vinyl ether				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		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					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8260C				1998	10307003	Volatile Organics: GC/MS (capillary column)
		9408	Gasoline range organics (GRO)				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		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)				
		4435	n-Butylbenzene				
		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				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				
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)				
		5165	1,1,2-Trichloroethane				
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Non-Potable Water</b>	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		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				
		4675	1,3-Dichloropropene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4500	2-Chloroethyl vinyl ether				
		4535	2-Chlorotoluene				
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				
		4385	Bromobenzene				
	4390	Bromochloromethane					
	4395	Bromodichloromethane					
	4400	Bromoform					
	4450	Carbon disulfide					
	4455	Carbon tetrachloride					
	4475	Chlorobenzene					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		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				
		9408	Gasoline range organics (GRO)				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		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)				
		4435	n-Butylbenzene				
		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				
	5205	Total trihalomethanes					
	4700	trans-1,2-Dichloroethylene					
	4685	trans-1,3-Dichloropropylene					
	5170	Trichloroethene (Trichloroethylene)					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
		5235	Vinyl chloride				
		5260	Xylene (total)				
	EPA 8270C				1996	10185805	Semivolatile Organic compounds by GC/MS
		5155	1,2,4-Trichlorobenzene				
		4610	1,2-Dichlorobenzene				
		4615	1,3-Dichlorobenzene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		5790	1-Chloronaphthalene				
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether				
		6735	2,3,4,6-Tetrachlorophenol				
		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)				
		6005	2,6-Dichlorophenol				
		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				
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		5660	4-Bromophenyl phenyl ether (BDE-3)				





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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8270C				1996	10185805	Semivolatile Organic compounds by GC/MS
		5700	4-Chloro-3-methylphenol				
		5745	4-Chloroaniline				
		5825	4-Chlorophenyl phenylether				
		6470	4-Nitroaniline				
		6500	4-Nitrophenol				
		5500	Acenaphthene				
		5505	Acenaphthylene				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		5545	Aniline				
		5555	Anthracene				
		5595	Benzidine				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5630	Benzyl alcohol				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		5760	bis(2-Chloroethoxy)methane				
		5765	bis(2-Chloroethyl) ether				
		5670	Butyl benzyl phthalate				
		5680	Carbazole				
		5855	Chrysene				
		7240	cis-chlordane (alpha-Chlordane)				
		5862	Cresols, Total				
		7105	delta-BHC				
		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					
	7470	Dieldrin					
	6070	Diethyl phthalate					
	6135	Dimethyl phthalate					
	7510	Endosulfan I					
	7515	Endosulfan II					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Non-Potable Water</b>	EPA 8270C				1996	10185805	Semivolatile Organic compounds by GC/MS
		7520	Endosulfan sulfate				
		7540	Endrin				
		7530	Endrin aldehyde				
		6265	Fluoranthene				
		6270	Fluorene				
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)				
		7245	gamma-Chlordane				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				
		7810	Methoxychlor				
		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 8270C SIM					10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		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				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Non-Potable Water	EPA 8270C SIM					10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
		5855	Chrysene				
		5895	Dibenz(a,h) anthracene				
		6265	Fluoranthene				
		6270	Fluorene				
		6315	Indeno(1,2,3-cd) pyrene				
		5005	Naphthalene				
		6615	Phenanthrene				
		6665	Pyrene				
		EPA 8270E			2017		10242543
		9369	Diesel range organics (DRO)				
	EPA 8330A			1998		10190008	Nitroaromatics and Nitramines by High Performance Liquid Chromatography (HPLC)
		6885	1,3,5-Trinitrobenzene (1,3,5-TNB)				
		6160	1,3-Dinitrobenzene (1,3-DNB)				
		9651	2,4,6-Trinitrotoluene (2,4,6-TNT)				
		6185	2,4-Dinitrotoluene (2,4-DNT)				
		6190	2,6-Dinitrotoluene (2,6-DNT)				
		9303	2-Amino-4,6-dinitrotoluene (2-am-dnt)				
		9507	2-Nitrotoluene				
		9510	3-Nitrotoluene				
		9306	4-Amino-2,6-dinitrotoluene (4-am-dnt)				
		9513	4-Nitrotoluene				
		6415	Methyl-2,4,6-trinitrophenylnitramine (tetryl)				
		5015	Nitrobenzene				
		9522	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)				
		9432	RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)				
	EPA 9012A			1996		10193405	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
		1645	Total cyanide				
	EPA 9040B			1995		10197203	pH Electrometric Measurement
		1900	pH				



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<b>Non-Potable Water</b>	EPA RSK-175 (GC-FID)				1998	10212905	Methane, Ethane, and Ethene in water by Headspace GC/FID
		4747	Ethane				
		4752	Ethene				
		4926	Methane				
		5029	n-Propane				
	LUFT GC				1989	90016801	Total Petroleum Hydrocarbons
		9369	Diesel range organics (DRO)				
		9408	Gasoline range organics (GRO)				
		6748	Oil Range Organics (ORO)				
	LUFT GCMS				1989	90017008	Total Petroleum Hydrocarbons
		4375	Benzene				
		9369	Diesel range organics (DRO)				
		4765	Ethylbenzene				
		9408	Gasoline range organics (GRO)				
		5240	m+p-xylene				
		5000	Methyl tert-butyl ether (MTBE)				
		5250	o-Xylene				
		5140	Toluene				
		5260	Xylene (total)				
	SM 2120 B			22nd Ed	2011	20039014	Color - Visual Comparison Method
		2059	True Color				
	SM 2130 B-2011				2011	20048220	Turbidity by Nephelometric Method
		2055	Turbidity				
	SM 2320 B-2011			online	2011	20045618	Alkalinity as CaCO3
		1615	Corrosivity				
	SM 2340 B-2011			online		20046611	Hardness
		1760	Hardness (calc.)				
	SM 2510 B-2011				2011	20048617	Conductivity by Probe
		1610	Conductivity				
	SM 2540 B-2011			2011		20049416	Total Solids Dried at 103 - 105C
		1950	Residue-total				
	SM 2540 C-2011			online	2011	20050413	Residue-filterable (TDS)
		1955	Residue-filterable (TDS)				
	SM 2540 D-2011				2011	20051212	Total Suspended Solids Dried at 103 - 105 C
		1960	Residue-nonfilterable (TSS)				



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Non-Potable Water	SM 2540 F-2011				2011	20052215	Settleable Solids	
		1965	Residue-settleable					
	SM 3500-Fe B-2011				2011	20069016	Iron by Phenanthroline Method	
		1073	Iron-(II) (Ferrous Iron)					
	SM 4500-Cl F			22nd ED	2011	20080619	Chlorine (Residual) - DPD Ferrous Titrimetric Method	
		1940	Total residual chlorine					
	SM 4500-H+ B-2011					20105220	pH - Electrometric Measurement	
		1900	pH					
	SM 4500-NH3 G-2011					20111415	Nitrogen (Ammonia) - Automated Phenate Method	
		1515	Ammonia as N					
	SM 4500-O G-2011				22nd ED	2011	20121668	Dissolved Oxygen by Membrane Electrode
		1880	Oxygen, dissolved					
	SM 4500-P F-2011					2011	20125024	Phosphorus - Automated Ascorbic Acid Reduction Method
		1870	Orthophosphate as P					
		1910	Phosphorus, total					
	SM 4500-S2 <sup>-</sup> D-2011				online	2011	20125864	Sulfide by Methylene Blue Method
	2005	Sulfide						
SM 5210 B-2011				online	2011	20135266	Biochemical Oxygen Demand (5 days @ 20 C).	
	1530	Biochemical oxygen demand						
	1555	Carbonaceous BOD, CBOD						
SM 5220 D-2011				2011		20136816	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination	
	1565	Chemical oxygen demand						
SM 5310 C-2011				online	2011	20138823	TOC by Persulfate-Ultraviolet or Heated-Persulfate Oxidation Method	
	2040	Total organic carbon						
SM 5540 C-2011						20145066	Surfactants as MBAS	
	2025	Surfactants - MBAS						
SM 9221 B (LTB) + C MPN				22nd	2006	20186010	Multiple Tube Fermentation Qualitative (LTB): Total Coliform	
	2500	Total coliforms						
SM 9221 B (LTB) + E (EC) + C MPN				22nd	2006	20189020	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform	
	2530	Fecal coliforms						



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Non-Potable Water</b>	SM 9221 B plus F			22nd ED	2006	20225814	Multiple Tube Fermentation Technique - Standard Total Coliform Fermentation Technique + Escherichia coli Procedure
		2525	Escherichia coli				
	SM 9223 B (Colilert Quanti-Tray)-2004			22nd Ed	2004	20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
		2525	Escherichia coli				
	SM 9223 B (Colilert-18 Quanti-Tray)-2004			22nd ED	2004	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
	2525	Escherichia coli					
	SM 9230 D Enterolert					20219709	Fluorogenic Quantitative (Enterolert): Enterococci
		2520	Enterococci				
	Timberline Ammonia-001				2011	60034302	Determination of Inorganic Ammonia by Continuous Flow Gas Diffusion and Conductivity Cell Analysis
		1515	Ammonia as N				
<b>Solids</b>							
	AK101 GRO				2002	90015002	Determination of Gasoline Range Organics - Alaska Department of Environmental Conservation
		9408	Gasoline range organics (GRO)				
	AK102 DRO				2002	90015206	Determination of Diesel Range Organics - Alaska Department of Environmental Conservation
		9369	Diesel range organics (DRO)				
	AK103 RRO				2002	90015400	Determination of Residual Range Organics - Alaska Department of Environmental Conservation
		9499	Motor Oil				
	CA Title 22 WET				1985	90017235	CA Waste Extraction Test (WET)
		1407	California Waste Extraction Test				
	EPA 1311				1992	10118806	Toxicity Characteristic Leaching Procedure
		8031	Extraction/Preparation				
		1466	Toxicity Characteristic Leaching Procedure (TCLP)				
	EPA 1312				1994	10119003	Synthetic Precipitation Leaching Procedure
		8031	Extraction/Preparation				
		1460	Synthetic Precipitation Leaching Procedure (SPLP)				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Solids	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				
		2000	Sulfate				
	EPA 365.1			2	1993	10070005	Phosphorous - Colorimetric, Automated persulfate
		1910	Phosphorus, total				
	EPA 6010B				1996	10155609	ICP - AES
		1000	Aluminum				
	1005	Antimony					
	1010	Arsenic					
	1015	Barium					
	1020	Beryllium					
	1025	Boron					
	1030	Cadmium					
	1035	Calcium					
	1040	Chromium					
	1050	Cobalt					
	1055	Copper					
	1070	Iron					
	1075	Lead					
	1085	Magnesium					
	1090	Manganese					
	1100	Molybdenum					
	1105	Nickel					
	1125	Potassium					
	1140	Selenium					
	1150	Silver					
	1155	Sodium					
	1160	Strontium					
	1165	Thallium					
	1175	Tin					
	1180	Titanium					
	1185	Vanadium					
	1190	Zinc					



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Solids	EPA 6020			Update II	1994	10156204	Inductively Coupled Plasma-Mass Spectrometry
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1030	Cadmium				
		1040	Chromium				
		1050	Cobalt				
		1055	Copper				
		1075	Lead				
		1090	Manganese				
		1100	Molybdenum				
		1105	Nickel				
		1140	Selenium				
		1150	Silver				
		1165	Thallium				
	1185	Vanadium					
	1190	Zinc					
	EPA 6020B			Update V	2014	10156420	Inductively Coupled Plasma-Mass Spectrometry
		1095	Mercury				
	EPA 7199				1996	10163005	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography
		1045	Chromium VI				
	EPA 7471A				1994	10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption
		1095	Mercury				
	EPA 8015B				1996	10173601	Non-halogenated organics using GC/FID
		9369	Diesel range organics (DRO)				
		4750	Ethanol				
		9408	Gasoline range organics (GRO)				
		4930	Methanol				
	EPA 8021B				1996	10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
		4375	Benzene				
		4765	Ethylbenzene				
		5240	m+p-xylene				
		5000	Methyl tert-butyl ether (MTBE)				





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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8021B				1996	10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
		5250	o-Xylene				
		5140	Toluene				
		5260	Xylene (total)				
	EPA 8081A				1996	10178606	Organochlorine Pesticides by GC/ECD
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		7250	Chlordane (tech.)				
		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				
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)				
		7245	gamma-Chlordane				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		7810	Methoxychlor				
		8250	Toxaphene (Chlorinated camphene)				
	EPA 8082				1996	10179007	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)				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description		
Solids	EPA 8141A				1994	10182000	Organophosphorous Pesticides by GC/NPD		
		7075	Azinphos-methyl (Guthion)						
		7300	Chlorpyrifos						
		7390	Demeton						
		7395	Demeton-o						
		7385	Demeton-s						
		7410	Diazinon						
		8610	Dichlorovos (DDVP, Dichlorvos)						
		7475	Dimethoate						
		8625	Disulfoton						
		7565	Ethion						
		7570	Ethoprop						
		7770	Malathion						
		7825	Methyl parathion (Parathion, methyl)						
		7955	Parathion, ethyl						
		7985	Phorate						
		8110	Ronnel						
		8200	Tetrachlorvinphos (Stirophos, Gardona) Z-isomer						
			EPA 8151A				1998	10183207	Chlorinated Herbicides by GC/ECD
				8655	2,4,5-T				
		8545	2,4-D						
		8560	2,4-DB						
		8555	Dalapon						
		8595	Dicamba						
		8605	Dichloroprop (Dichlorprop)						
		8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)						
		6605	Pentachlorophenol						
		8650	Silvex (2,4,5-TP)						
	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS		
		5105	1,1,1,2-Tetrachloroethane						
		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						



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<b>Solids</b>	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		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				
		4675	1,3-Dichloropropene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		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				
		4320	Acetonitrile				
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				



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<b>Solids</b>	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		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				
		9408	Gasoline range organics (GRO)				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		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)				
		4435	n-Butylbenzene				
		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				
		2050	Total Petroleum Hydrocarbons (TPH)				
		5205	Total trihalomethanes				
		4700	trans-1,2-Dichloroethylene				
		4685	trans-1,3-Dichloropropylene				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8260B				1996	10184802	Volatile Organic Compounds by purge and trap GC/MS
		5170	Trichloroethene (Trichloroethylene)				
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
		5225	Vinyl acetate				
		5235	Vinyl chloride				
		5260	Xylene (total)				
	EPA 8260C				1998	10307003	Volatile Organics: GC/MS (capillary column)
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)				
		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				
		4675	1,3-Dichloropropene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		4665	2,2-Dichloropropane				
		4410	2-Butanone (Methyl ethyl ketone, MEK)				
		4535	2-Chlorotoluene				



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## Environmental Laboratory Accreditation Program

### ORELAP Fields of Accreditation



Pace Analytical Services, LLC -- Bakersfield  
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**Certificate:** 4032 - 010

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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8260C				1998	10307003	Volatile Organics: GC/MS (capillary column)
		4860	2-Hexanone (MBK)				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4995	4-Methyl-2-pentanone (MIBK)				
		4315	Acetone				
		4320	Acetonitrile				
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		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				
		9408	Gasoline range organics (GRO)				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		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	Code	Analyte	Revision	Rev. Date	Code	Description		
Solids	EPA 8260C				1998	10307003	Volatile Organics: GC/MS (capillary column)		
		4435	n-Butylbenzene						
		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)						
		5225	Vinyl acetate						
		5235	Vinyl chloride						
		5260	Xylene (total)						
			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						
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)						
		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)						



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		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				
		4675	1,3-Dichloropropene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		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				
		4320	Acetonitrile				
		4325	Acrolein (Propenal)				
		4340	Acrylonitrile				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4450	Carbon disulfide				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		9375	Di-isopropylether (DIPE)				
		4595	Dibromomethane (Methylene bromide)				





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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8260D				2017	10307127	Volatile Organic Compounds By GC/MS
		4625	Dichlorodifluoromethane (Freon-12)				
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)				
		4765	Ethylbenzene				
		9408	Gasoline range organics (GRO)				
		4835	Hexachlorobutadiene				
		4840	Hexachloroethane				
		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)				
		4435	n-Butylbenzene				
		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				
		5205	Total trihalomethanes				
		4700	trans-1,2-Dichloroethylene				
		4685	trans-1,3-Dichloropropylene				
		5170	Trichloroethene (Trichloroethylene)				
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
		5225	Vinyl acetate				
		5235	Vinyl chloride				
		5260	Xylene (total)				
	EPA 8270C				1996	10185805	Semivolatile Organic compounds by GC/MS
		5155	1,2,4-Trichlorobenzene				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8270C				1996	10185805	Semivolatile Organic compounds by GC/MS
		4610	1,2-Dichlorobenzene				
		4615	1,3-Dichlorobenzene				
		4620	1,4-Dichlorobenzene				
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		5790	1-Chloronaphthalene				
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether				
		6735	2,3,4,6-Tetrachlorophenol				
		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)				
		6005	2,6-Dichlorophenol				
		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				
		7355	4,4'-DDD				
		7360	4,4'-DDE				
		7365	4,4'-DDT				
		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				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8270C				1996	10185805	Semivolatile Organic compounds by GC/MS
		7025	Aldrin				
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)				
		5545	Aniline				
		5555	Anthracene				
		5595	Benzidine				
		5575	Benzo(a)anthracene				
		5580	Benzo(a)pyrene				
		5590	Benzo(g,h,i)perylene				
		5600	Benzo(k)fluoranthene				
		5585	Benzo[b]fluoranthene				
		5630	Benzyl alcohol				
		7115	beta-BHC (beta-Hexachlorocyclohexane)				
		5760	bis(2-Chloroethoxy)methane				
		5765	bis(2-Chloroethyl) ether				
		5670	Butyl benzyl phthalate				
		5680	Carbazole				
		5855	Chrysene				
		7240	cis-chlordane (alpha-Chlordane)				
		5862	Cresols, Total				
		7105	delta-BHC				
		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				
		7470	Dieldrin				
		6070	Diethyl phthalate				
		6135	Dimethyl phthalate				
		7510	Endosulfan I				
		7515	Endosulfan II				
		7520	Endosulfan sulfate				
		7540	Endrin				
		7530	Endrin aldehyde				
		6265	Fluoranthene				
		6270	Fluorene				
		7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Solids	EPA 8270C				1996	10185805	Semivolatile Organic compounds by GC/MS
		7245	gamma-Chlordane				
		7685	Heptachlor				
		7690	Heptachlor epoxide				
		6275	Hexachlorobenzene				
		4835	Hexachlorobutadiene				
		6285	Hexachlorocyclopentadiene				
		4840	Hexachloroethane				
		6315	Indeno(1,2,3-cd) pyrene				
		6320	Isophorone				
		7810	Methoxychlor				
		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 8270C SIM					10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
		4735	1,4-Dioxane (1,4-Diethyleneoxide)				
		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				
		6270	Fluorene				
		6315	Indeno(1,2,3-cd) pyrene				
		5005	Naphthalene				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
<b>Solids</b>	EPA 8270C SIM					10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
		6615	Phenanthrene				
		6665	Pyrene				
	EPA 8270E				2017	10242543	Semivolatile Organic compounds by GC/MS
		9369	Diesel range organics (DRO)				
	EPA 8330A				1998	10190008	Nitroaromatics and Nitramines by High Performance Liquid Chromatography (HPLC)
		6885	1,3,5-Trinitrobenzene (1,3,5-TNB)				
		6160	1,3-Dinitrobenzene (1,3-DNB)				
		9651	2,4,6-Trinitrotoluene (2,4,6-TNT)				
		6185	2,4-Dinitrotoluene (2,4-DNT)				
		6190	2,6-Dinitrotoluene (2,6-DNT)				
		9303	2-Amino-4,6-dinitrotoluene (2-am-dnt)				
		9507	2-Nitrotoluene				
		9510	3-Nitrotoluene				
		9306	4-Amino-2,6-dinitrotoluene (4-am-dnt)				
		9513	4-Nitrotoluene				
		6415	Methyl-2,4,6-trinitrophenylnitramine (tetryl)				
		9522	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)				
		9432	RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)				
	EPA 9012A				1996	10193405	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
		1645	Total cyanide				
	EPA 9040B				1995	10197203	pH Electrometric Measurement
		1900	pH				
	EPA 9045C				1995	10198400	Soil and Waste pH
		1625	Corrosivity (pH)				
	EPA SW-846 Chapter 7.3				1986	10245702	Characteristic Determination - Reactivity
		1923	Reactive Cyanide				
		1925	Reactive sulfide				
	LUFT GC				1989	90016801	Total Petroleum Hydrocarbons
		9369	Diesel range organics (DRO)				



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MATRIX	Reference	Code	Analyte	Revision	Rev. Date	Code	Description
Solids	LUFT GC				1989	90016801	Total Petroleum Hydrocarbons
		9408	Gasoline range organics (GRO)				
		6748	Oil Range Organics (ORO)				
	LUFT GCMS				1989	90017008	Total Petroleum Hydrocarbons
		4375	Benzene				
		9369	Diesel range organics (DRO)				
		4765	Ethylbenzene				
		9408	Gasoline range organics (GRO)				
		5240	m+p-xylene				
		5000	Methyl tert-butyl ether (MTBE)				
	5250	o-Xylene					
	5140	Toluene					
	5260	Xylene (total)					
	SM 2540 G-1997			online	1997	20005269	Total, Fixed, and Volatile Solids in Solid and Semisolid Samples
		1725	Total, fixed, and volatile residue				
	SM 2540 G-2011			online	2011	20005270	Total, Fixed, and Volatile Solids
		8641	Percent Moisture				

