



OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: 4028

EPA CODE: CA01531

Certificate: 4028 - 004



TestAmerica Irvine

17461 Derian Ave, Suite 100

Irvine, CA 92614

Issue Date: 1/30/2017 Expiration Date: 1/29/2018

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Method	Parameter	Method ID	Method Description
Drinking Water	SM 4500-CN B 20th ED	2091207	Preliminary Treatment of Samples
	1635	Cyanide	
	SM 4500-CN E 20th ED	2092404	Cyanide by Colorimetric Determination
	1645	Total cyanide	
	SM 4500-F ⁻ C 20th ED	20102005	Fluoride by Ion Selective Electrode
	1730	Fluoride	
	SM 4500-H ⁺ B 20th ED	20104807	pH by Probe
	1900	pH	
	SM 4500-NH ₃ D 20th ED	20109006	Ammonia by Selective Ion Probe
	1515	Ammonia as N	
Non-Potable Water	SM 4500-NH ₃ G 20th ED	20111006	Ammonia by Automated Phenate
	1515	Ammonia as N	
	SM 5310 C 20th ED	20138403	Total Organic Carbon by Persulfate-Ultraviolet Oxidation Method
	1710	Dissolved organic carbon (DOC)	
	2040	Total organic carbon	
	SM 5540 C 20th ED	20144609	Surfactants as MBAS
	2025	Surfactants - MBAS	
	EPA 1010	10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
	1780	Ignitability	
	EPA 1020A	10117007	Ignitability Setaflash Closed-cup Method
1780	Ignitability		
Non-Potable Water	EPA 120.1	10006209	Conductance - Specific @ 25 C
	1610	Conductivity	
	EPA 1311	10118806	Toxicity Characteristic Leaching Procedure
	8031	Extraction/Preparation	
	EPA 1312	10119003	Synthetic Precipitation Leaching Procedure
	8031	Extraction/Preparation	
	EPA 150.1	10008205	pH - Electrometric Measurement
	1900	pH	
	EPA 160.1	10009004	Total Dissolved Solids, dried @ 180 C.
	1705	Total dissolved solids	
Non-Potable Water	EPA 160.4	10256801	Total Volatile Solids, ignition @ 550 C.
	1970	Residue-volatile	



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EPA 1625B		10237000	Semivolatile Organic Compounds by Isotope Dilution GC/MS
	6525 n-Nitrosodiethylamine		
	6530 n-Nitrosodimethylamine		
	6545 n-Nitrosodi-n-propylamine		
	6565 n-Nitrosopyrrolidine		
EPA 1625C		10259208	Semivolatile Organic Compounds by Isotope Dilution GC/MS
	6530 n-Nitrosodimethylamine		
	6545 n-Nitrosodi-n-propylamine		
EPA 1664A		10127603	Silica Gen Treated N-Hexane Extractable Material (Oil and Grease)
	1860 Oil & Grease		
EPA 1664A (HEM)		10127807	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
	1803 n-Hexane Extractable Material (O&G)		
EPA 1664A (SGT-HEM)		10261606	Silica Gen Treated N-Hexane Extractable Material (Oil and Grease)
	1803 n-Hexane Extractable Material (O&G)		
EPA 180.1		10011402	Turbidity - Nephelometric
	2055 Turbidity		
EPA 200.7 4.4		10013806	ICP - metals
	1000 Aluminum		
	1005 Antimony		
	1010 Arsenic		
	1015 Barium		
	1020 Beryllium		
	1025 Boron		
	1030 Cadmium		
	1035 Calcium		
	1040 Chromium		
	1050 Cobalt		
	1055 Copper		
	1760 Hardness (calc.)		
	1070 Iron		
	1075 Lead		
	1080 Lithium		
	1085 Magnesium		
	1090 Manganese		
	1100 Molybdenum		
	1105 Nickel		
	1910 Phosphorus, total		
	1125 Potassium		
	1140 Selenium		



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EPA 200.7 4.4	1990	Silica as SiO ₂		
	1150	Silver		
	1155	Sodium		
	1160	Strontium		
	1165	Thallium		
	1175	Tin		
	1180	Titanium		
	1183	Tungsten		
	1185	Vanadium		
	1190	Zinc		
	1192	Zirconium		
EPA 200.8 5.4			10014605	Metals by ICP-MS
	1000	Aluminum		
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1070	Iron		
	1075	Lead		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1185	Vanadium		
	1190	Zinc		
EPA 200.8			10014401	ICP/MS - metals
	3035	Uranium		
EPA 218.6 3.3			10028009	Dissolved Hexavalent Chromium by Ion Chromatography
	1045	Chromium VI		
EPA 245.1 3			10036609	Mercury by Cold Vapor Atomic Absorption
	1095	Mercury		
EPA 300.0 2.1			10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
	1540	Bromide		
	1575	Chloride		



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EPA 300.0 2.1	1730	Fluoride	
	1810	Nitrate as N	
	1820	Nitrate-nitrite	
	1840	Nitrite as N	
	1870	Orthophosphate as P	
	2000	Sulfate	
EPA 300.1			10053608 Ion chromatography - anions.
EPA 314.0	1535	Bromate	
	1540	Bromide	
	1570	Chlorate	
	1595	Chlorite	
EPA 314.0			10277006 Perchlorate in Drinking Water by Ion Chromatography
EPA 350.1 2	1895	Perchlorate	
			10063602 Ammonia Nitrogen - Colorimetric, Auto Phenate
EPA 351.2 2	1515	Ammonia as N	
			10065404 Total Kjeldahl Nitrogen - Block Digest, Phenate
EPA 365.3	1790	Kjeldahl nitrogen	
			10070607 Phosphorous - Colorimetric, two reagent.
EPA 410.4	1870	Orthophosphate as P	
	1908	Total Phosphate	
			10077006 Chemical Oxygen Demand - Colorimetric, Automated.
EPA 6010B	1565	Chemical oxygen demand	
			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	
	1080	Lithium	
	1085	Magnesium	
	1100	Molybdenum	



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EPA 6010B	1105	Nickel	
	1910	Phosphorus, total	
	1125	Potassium	
	1140	Selenium	
	1990	Silica as SiO ₂	
	1150	Silver	
	1155	Sodium	
	1160	Strontium	
	1165	Thallium	
	1175	Tin	
	1180	Titanium	
	1185	Vanadium	
	1190	Zinc	
EPA 6020	10156000	Inductively Coupled Plasma-Mass Spectrometry	
	1000	Aluminum	
	1005	Antimony	
	1010	Arsenic	
	1015	Barium	
	1020	Beryllium	
	1030	Cadmium	
	1040	Chromium	
	1050	Cobalt	
	1055	Copper	
	1070	Iron	
	1075	Lead	
	1090	Manganese	
	1100	Molybdenum	
	1105	Nickel	
	1140	Selenium	
	1150	Silver	
	1165	Thallium	
	3035	Uranium	
	1185	Vanadium	
	1190	Zinc	
EPA 608	10103603	Organochlorine Pesticides & 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)	



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EPA 608	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.)	
	7105	delta-BHC	
	7470	Dieldrin	
	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	
	8250	Toxaphene (Chlorinated camphene)	
EPA 624	10107207	10107207	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	
	5165	1,1,2-Trichloroethane	
	4630	1,1-Dichloroethane	
	4640	1,1-Dichloroethylene	
	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	
	4620	1,4-Dichlorobenzene	
	4410	2-Butanone (Methyl ethyl ketone, MEK)	
	4500	2-Chloroethyl vinyl ether	
	4860	2-Hexanone (MBK)	
	4995	4-Methyl-2-pentanone (MIBK)	



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EPA 624	
4315	Acetone
4320	Acetonitrile
4325	Acrolein (Propenal)
4340	Acrylonitrile
4375	Benzene
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
4595	Dibromomethane (Methylene bromide)
4625	Dichlorodifluoromethane (Freon-12)
9375	Di-isopropylether (DIPE)
4750	Ethanol
4765	Ethylbenzene
4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
4835	Hexachlorobutadiene
5240	m+p-xylene
4950	Methyl bromide (Bromomethane)
4960	Methyl chloride (Chloromethane)
5000	Methyl tert-butyl ether (MTBE)
4975	Methylene chloride (Dichloromethane)
5005	Naphthalene
5090	n-Propylbenzene
5250	o-Xylene
5100	Styrene
4370	T-amylmethylether (TAME)
4420	tert-Butyl alcohol
5115	Tetrachloroethylene (Perchloroethylene)
5140	Toluene
4700	trans-1,2-Dichloroethylene
4685	trans-1,3-Dichloropropylene
5170	Trichloroethene (Trichloroethylene)
5175	Trichlorofluoromethane (Fluorotrchloromethane, Freon 11)
5225	Vinyl acetate
5235	Vinyl chloride
5260	Xylene (total)



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EPA 625

10300002

Base/Neutrals and Acids by GC/MS

- 5155 1,2,4-Trichlorobenzene
- 6155 1,2-Dinitrobenzene
- 6221 1,2-Diphenylhydrazine
- 4615 1,3-Dichlorobenzene
- 4620 1,4-Dichlorobenzene
- 6380 1-Methylnaphthalene
- 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
- 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
- 6410 4-Methylphenol (p-Cresol)
- 6470 4-Nitroaniline
- 6500 4-Nitrophenol
- 5500 Acenaphthene
- 5505 Acenaphthylene
- 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
- 5610 Benzoic acid
- 5630 Benzyl alcohol
- 5760 bis(2-Chloroethoxy)methane



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EPA 625	5765	bis(2-Chloroethyl) ether	
	5780	bis(2-Chloroisopropyl) ether	
	5670	Butyl benzyl phthalate	
	5680	Carbazole	
	5855	Chrysene	
	6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	
	5895	Dibenz(a,h) anthracene	
	5905	Dibenzofuran	
	6070	Diethyl phthalate	
	6135	Dimethyl phthalate	
	5925	Di-n-butyl phthalate	
	6200	Di-n-octyl phthalate	
	6265	Fluoranthene	
	6270	Fluorene	
	6275	Hexachlorobenzene	
	4835	Hexachlorobutadiene	
	6285	Hexachlorocyclopentadiene	
	4840	Hexachloroethane	
	6315	Indeno(1,2,3-cd) pyrene	
	6320	Isophorone	
	5005	Naphthalene	
	5015	Nitrobenzene	
	6530	n-Nitrosodimethylamine	
	6545	n-Nitrosodi-n-propylamine	
	6535	n-Nitrosodiphenylamine	
	6605	Pentachlorophenol	
	6615	Phenanthrene	
	6625	Phenol	
	6665	Pyrene	
	5095	Pyridine	
EPA 6860	10304800		Perchlorate in Water, Soils and Solid Wastes Using Ion Chromatography/Electrospray Ionization/Mass Spectrometry
	1895	Perchlorate	
EPA 7196A	10162400		Chromium Hexavalent colorimetric
	1045	Chromium VI	
EPA 7199	10163005		Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography
	1045	Chromium VI	



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EPA 7470A	10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
1095 Mercury		
EPA 8015B	10173601	Non-halogenated organics using GC/FID
9369 Diesel range organics (DRO)		
4750 Ethanol		
9408 Gasoline range organics (GRO)		
4930 Methanol		
9506 Residual Range Organics (RRO)		
EPA 8081A	10178606	Organochlorine Pesticides by GC/ECD
8580 2,4'-DDD		
8585 2,4'-DDE		
8590 2,4'-DDT		
7355 4,4'-DDD		
7360 4,4'-DDE		
7365 4,4'-DDT		
7025 Aldrin		
7110 alpha-BHC (alpha-Hexachlorocyclohexane)		
7240 alpha-Chlordane		
7115 beta-BHC (beta-Hexachlorocyclohexane)		
7250 Chlordane (tech.)		
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	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)		



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	8905	Aroclor-1254 (PCB-1254)	
	8910	Aroclor-1260 (PCB-1260)	
EPA 8260B	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	
	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	
	4355	Allyl chloride (3-Chloropropene)	
	4375	Benzene	
	5635	Benzyl chloride	



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EPA 8260B	Chemical Name
4385	Bromobenzene
4390	Bromochloromethane
4395	Bromodichloromethane
4400	Bromoform
4450	Carbon disulfide
4455	Carbon tetrachloride
4475	Chlorobenzene
4575	Chlorodibromomethane
4485	Chloroethane (Ethyl chloride)
4505	Chloroform
4525	Chloroprene (2-Chloro-1,3-butadiene)
4645	cis-1,2-Dichloroethylene
4680	cis-1,3-Dichloropropene
4595	Dibromomethane (Methylene bromide)
4625	Dichlorodifluoromethane (Freon-12)
4725	Diethyl ether
9375	Di-isopropylether (DIPE)
4729	Dimethyl disulfide
4750	Ethanol
4810	Ethyl methacrylate
4765	Ethylbenzene
4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
4835	Hexachlorobutadiene
4840	Hexachloroethane
4870	Iodomethane (Methyl iodide)
4875	Isobutyl alcohol (2-Methyl-1-propanol)
4895	Isopropyl alcohol (2-Propanol, Isopropanol)
4900	Isopropylbenzene (Cumene)
5240	m+p-xylene
4925	Methacrylonitrile
4945	Methyl acrylate
4950	Methyl bromide (Bromomethane)
4960	Methyl chloride (Chloromethane)
4990	Methyl methacrylate
5000	Methyl tert-butyl ether (MTBE)
4975	Methylene chloride (Dichloromethane)
5005	Naphthalene
4435	n-Butylbenzene
5090	n-Propylbenzene
5250	o-Xylene
5080	Propionitrile (Ethyl cyanide)
4440	sec-Butylbenzene



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Non-Potable Water

EPA 8260B	5100	Styrene	
	4370	T-amylmethylether (TAME)	
	4420	tert-Butyl alcohol	
	4445	tert-Butylbenzene	
	5115	Tetrachloroethylene (Perchloroethylene)	
	5120	Tetrahydrofuran (THF)	
	5140	Toluene	
	4700	trans-1,2-Dichloroethylene	
	4685	trans-1,3-Dichloropropylene	
	4605	trans-1,4-Dichloro-2-butene	
	5170	Trichloroethene (Trichloroethylene)	
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	
	5225	Vinyl acetate	
	5235	Vinyl chloride	
	5260	Xylene (total)	
EPA 8260B SIM			10184904 Volatile Organic Compounds by purge and trap GC/MS-SIM
	5180	1,2,3-Trichloropropane	
	4735	1,4-Dioxane (1,4-Diethyleneoxide)	
EPA 8270C			10185805 Semivolatile Organic compounds by GC/MS
	6715	1,2,4,5-Tetrachlorobenzene	
	5155	1,2,4-Trichlorobenzene	
	4610	1,2-Dichlorobenzene	
	6155	1,2-Dinitrobenzene	
	6221	1,2-Diphenylhydrazine	
	6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	
	4615	1,3-Dichlorobenzene	
	6160	1,3-Dinitrobenzene (1,3-DNB)	
	4620	1,4-Dichlorobenzene	
	6420	1,4-Naphthoquinone	
	6630	1,4-Phenylenediamine	
	6380	1-Methylnaphthalene	
	6425	1-Naphthylamine	
	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)	



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EPA 8270C

- 5515 2-Acetylaminofluorene
- 5795 2-Chloronaphthalene
- 5800 2-Chlorophenol
- 6360 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
- 5145 2-Methylaniline (o-Toluidine)
- 6385 2-Methylnaphthalene
- 6400 2-Methylphenol (o-Cresol)
- 6430 2-Naphthylamine
- 6460 2-Nitroaniline
- 6490 2-Nitrophenol
- 5050 2-Picoline (2-Methylpyridine)
- 6412 3 & 4 Methylphenol
- 5945 3,3'-Dichlorobenzidine
- 6120 3,3'-Dimethylbenzidine
- 6355 3-Methylcholanthrene
- 6405 3-Methylphenol (m-Cresol)
- 6465 3-Nitroaniline
- 5540 4-Aminobiphenyl
- 5660 4-Bromophenyl phenyl ether (BDE-3)
- 5700 4-Chloro-3-methylphenol
- 5745 4-Chloroaniline
- 5825 4-Chlorophenyl phenylether
- 6410 4-Methylphenol (p-Cresol)
- 6470 4-Nitroaniline
- 6500 4-Nitrophenol
- 6570 5-Nitro-o-toluidine
- 6115 7,12-Dimethylbenz(a) anthracene
- 5500 Acenaphthene
- 5505 Acenaphthylene
- 5510 Acetophenone
- 5545 Aniline
- 5555 Anthracene
- 5560 Aramite
- 5595 Benzidine
- 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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EPA 8270C	5780	bis(2-Chloroisopropyl) ether
	5670	Butyl benzyl phthalate
	5680	Carbazole
	5855	Chrysene
	6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
	5895	Dibenz(a,h) anthracene
	5905	Dibenzofuran
	6070	Diethyl phthalate
	6135	Dimethyl phthalate
	5925	Di-n-butyl phthalate
	6200	Di-n-octyl phthalate
	6205	Diphenylamine
	6260	Ethyl methanesulfonate
	6265	Fluoranthene
	6270	Fluorene
	6275	Hexachlorobenzene
	4835	Hexachlorobutadiene
	6285	Hexachlorocyclopentadiene
	4840	Hexachloroethane
	6290	Hexachlorophene
	6295	Hexachloropropene
	6315	Indeno(1,2,3-cd) pyrene
	6320	Isophorone
	6325	Isosafrole
	5005	Naphthalene
	5015	Nitrobenzene
	6525	n-Nitrosodiethylamine
	6530	n-Nitrosodimethylamine
	5025	n-Nitroso-di-n-butylamine
	6545	n-Nitrosodi-n-propylamine
	6535	n-Nitrosodiphenylamine
	6550	n-Nitrosomethylethylamine
	6560	n-Nitrosopiperidine
	6565	n-Nitrosopyrrolidine
	5553	Octachlorostyrene
	6590	Pentachlorobenzene
	5035	Pentachloroethane
	6600	Pentachloronitrobenzene
	6605	Pentachlorophenol
	6610	Phenacetin
	6615	Phenanthrene
	6625	Phenol
	6650	Pronamide (Kerb)



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EPA 8270C	6665	Pyrene		
	5095	Pyridine		
	6685	Safrole		
EPA 8270C SIM			10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
	4735	1,4-Dioxane (1,4- Diethyleneoxide)		
	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		
	6270	Fluorene		
	6315	Indeno(1,2,3-cd) pyrene		
	5005	Naphthalene		
	6615	Phenanthrene		
	6665	Pyrene		
EPA 8315A			10188008	Determination of Carbonyl Compounds by HPLC/UV-VIS
	4815	Formaldehyde		
EPA 9014			10193803	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide
	1645	Total cyanide		
EPA 9034			10196006	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
	2005	Sulfide		
EPA 9040B			10197203	pH Electrometric Measurement
	1900	pH		
EPA 9056			10199005	Determination of Inorganic Anions by Ion Chromatography
	1540	Bromide		
	1575	Chloride		
	1730	Fluoride		
	1805	Nitrate		
	1835	Nitrite		
	1870	Orthophosphate as P		
	2000	Sulfate		



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EPA 9056A		10199607	Determination of Inorganic Anions by Ion Chromatography
	1540 Bromide		
	1575 Chloride		
	1730 Fluoride		
	1805 Nitrate		
	1810 Nitrate as N		
	1820 Nitrate-nitrite		
	1835 Nitrite		
	1840 Nitrite as N		
	1870 Orthophosphate as P		
	2000 Sulfate		
EPA 9060A		10244801	Total Organic Carbon
	2040 Total organic carbon		
EPA 9081		10203404	Cation-Exchange Capacity of Soils (Sodium Acetate)
	1560 Cation exchange capacity		
EPA 9095A		10204203	Paint Filter Liquids Test
	8031 Extraction/Preparation		
EPA 9095B		10245600	Paint Filter Liquids Test
	8031 Extraction/Preparation		
EPA RSK-175 (GC-FID)		10212905	Methane, Ethane, and Ethene in water by Headspace GC/FID
	4747 Ethane		
	4752 Ethene		
	4926 Methane		
EPA RSK-175 (GC-TCD)		10212858	Fixed Gases in water by Headspace GC/TCD
	3755 Carbon dioxide		
	4926 Methane		
Kelada-01 1.2		60005303	Kelada Automated Test Methods for Total Cyanide, Acid Dissociable Cyanide, and Thiocyanate
	1645 Total cyanide		
SM 2120 B 20th ED		20224004	Color by Visual Comparison
	102 Apparent Color		
	1605 Color		
	101 True Color		
SM 2130 B 20th ED		20042404	Turbidity by Nephelometric Determination
	2055 Turbidity		
SM 2150 B 20th ED		20043407	Odor by Threshold Odor Test
	1855 Odor		



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SM 2310 B 20th ED		20044206	Acidity by Titration
	1500	Acidity, as CaCO ₃	
SM 2320 B 20th ED		20045209	Alkalinity by Titration
	1505	Alkalinity as CaCO ₃	
SM 2340 B 20th ED		20046202	Hardness by calculation
	1550	Calcium hardness as CaCO ₃	
	1750	Hardness	
	1755	Total hardness as CaCO ₃	
SM 2340 C 20th ED		20047205	Hardness by EDTA Titration
	1750	Hardness	
SM 2510 B 20th ED		20048208	Conductivity by Probe
	1610	Conductivity	
SM 2540 B 20th ED		20049007	Total Solids
	1950	Residue-total	
SM 2540 C 20th ED		20050004	Total Dissolved Solids
	1955	Residue-filterable (TDS)	
SM 2540 D 20th ED		20050800	Total Suspended Solids
	1960	Residue-nonfilterable (TSS)	
SM 2540 F 20th ED		20051803	Settleable Solids
	1965	Residue-settleable	
SM 2580 B 20th ED		20054051	Oxidation-Reduction Potential Measurement in Clean Water
	1871	O-R Potential	
SM 3500-Cr B 20th ED		20065809	Chromium by Colorimetric Method
	1045	Chromium VI	
SM 3500-Fe B 20th ED		20068604	Iron by Colorimetric Method
	1070	Iron	
SM 4500-Cl G 20th ED		20081203	Residual Chlorine by DPD Colorimetric Determination
	1580	Chlorine	
	1945	Residual free chlorine	
	1940	Total residual chlorine	
SM 4500-CN B 20th ED		20091207	Preliminary Treatment of Samples
	1635	Cyanide	
SM 4500-CN E 20th ED		20092404	Cyanide by Colorimetric Determination
	1645	Total cyanide	
SM 4500-H+ B 20th ED		20104807	pH by Probe
	1900	pH	



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SM 4500-NH3 B 20th ED	1515	Ammonia as N	20105606	Ammonia Nitrogen Distillation
SM 4500-NH3 D 20th ED	1515	Ammonia as N	20109006	Ammonia by Selective Ion Probe
SM 4500-NH3 G 20th ED	1515	Ammonia as N	20111006	Ammonia by Automated Phenate
SM 4500-O G 20th ED	1880	Oxygen, dissolved	20121204	Dissolved Oxygen by Membrane Electrode Method
SM 4500-S2 ⁻ D 20th ED	2005	Sulfide	20125400	Sulfide by Methylene Blue Method
SM 5210 B 20th ED	1530	Biochemical oxygen demand	20134809	Biochemical Oxygen Demand, 5-Day (BOD5)
	1555	Carbonaceous BOD, CBOD		
SM 5220 D 20th ED	1565	Chemical oxygen demand	20136407	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
SM 5310 B 18th ED	1710	Dissolved organic carbon (DOC)	20137002	Total Organic Carbon by Combustion Infra-red Method
SM 5310 B 20th ED	2040	Total organic carbon	20137400	Total Organic Carbon by Combustion Infra-red Method
SM 5540 C 20th ED	2025	Surfactants - MBAS	20144609	Surfactants as MBAS

Solids

EPA 1010	1780	Ignitability	10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
EPA 1020A	1780	Ignitability	10117007	Ignitability Setaflash Closed-cup Method
EPA 1311	8031	Extraction/Preparation	10118806	Toxicity Characteristic Leaching Procedure
EPA 1312	8031	Extraction/Preparation	10119003	Synthetic Precipitation Leaching Procedure
EPA 314.0	1895	Perchlorate	10277006	Perchlorate in Drinking Water by Ion Chromatography
EPA 6010B	1000	Aluminum	10155609	ICP - AES



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Solids

EPA 6010B	1005	Antimony
	1010	Arsenic
	1015	Barium
	1020	Beryllium
	1025	Boron
	1030	Cadmium
	1035	Calcium
	1040	Chromium
	1050	Cobalt
	1055	Copper
	1070	Iron
	1075	Lead
	1080	Lithium
	1085	Magnesium
	1100	Molybdenum
	1105	Nickel
	1910	Phosphorus, total
	1125	Potassium
	1140	Selenium
	1990	Silica as SiO2
	1150	Silver
	1155	Sodium
	1160	Strontium
	1165	Thallium
	1175	Tin
	1180	Titanium
	1183	Tungsten
	1185	Vanadium
	1190	Zinc
	1192	Zirconium

EPA 6020

10156000

Inductively Coupled Plasma-Mass Spectrometry

1000	Aluminum
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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EPA 6020	1100	Molybdenum	
	1105	Nickel	
	1140	Selenium	
	1150	Silver	
	1165	Thallium	
	3035	Uranium	
	1185	Vanadium	
	1190	Zinc	
EPA 6860	10304800	Perchlorate in Water, Soils and Solid Wastes Using Ion Chromatography/Electrospray Ionization/Mass Spectrometry	
	1895	Perchlorate	
EPA 7196A	10162400	Chromium Hexavalent colorimetric	
	1045	Chromium VI	
EPA 7199	10163005	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography	
	1045	Chromium VI	
EPA 7470A	10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption	
	1095	Mercury	
EPA 7471A	10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption	
	1095	Mercury	
EPA 8015B	10173601	Non-halogenated organics using GC/FID	
	9369	Diesel range organics (DRO)	
	4750	Ethanol	
	9408	Gasoline range organics (GRO)	
	4930	Methanol	
	9506	Residual Range Organics (RRO)	
EPA 8081A	10178606	Organochlorine Pesticides by GC/ECD	
	8580	2,4'-DDD	
	8585	2,4'-DDE	
	8590	2,4'-DDT	
	7355	4,4'-DDD	
	7360	4,4'-DDE	
	7365	4,4'-DDT	
	7025	Aldrin	
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)	
	7240	alpha-Chlordane	
	7115	beta-BHC (beta-Hexachlorocyclohexane)	



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Field	EPA Code	Method	Parameter		
Solids	EPA 8081A	7250	Chlordane (tech.)		
		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	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 8260B	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)				



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Solids

EPA 8260B

- 4655 1,2-Dichloropropane
- 5215 1,3,5-Trimethylbenzene
- 4615 1,3-Dichlorobenzene
- 4660 1,3-Dichloropropane
- 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
- 4355 Allyl chloride (3-Chloropropene)
- 4375 Benzene
- 5635 Benzyl chloride
- 4385 Bromobenzene
- 4390 Bromochloromethane
- 4395 Bromodichloromethane
- 4400 Bromoform
- 4450 Carbon disulfide
- 4455 Carbon tetrachloride
- 4475 Chlorobenzene
- 4575 Chlorodibromomethane
- 4485 Chloroethane (Ethyl chloride)
- 4505 Chloroform
- 4525 Chloroprene (2-Chloro-1,3-butadiene)
- 4645 cis-1,2-Dichloroethylene
- 4680 cis-1,3-Dichloropropene
- 4595 Dibromomethane (Methylene bromide)
- 4625 Dichlorodifluoromethane (Freon-12)
- 4725 Diethyl ether
- 9375 Di-isopropylether (DIPE)
- 4729 Dimethyl disulfide
- 4750 Ethanol
- 4810 Ethyl methacrylate
- 4765 Ethylbenzene
- 4770 Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)



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EPA 8260B	4835	Hexachlorobutadiene		
	4840	Hexachloroethane		
	4870	Iodomethane (Methyl iodide)		
	4875	Isobutyl alcohol (2-Methyl-1-propanol)		
	4895	Isopropyl alcohol (2-Propanol, Isopropanol)		
	4900	Isopropylbenzene (Cumene)		
	5240	m+p-xylene		
	4925	Methacrylonitrile		
	4945	Methyl acrylate		
	4950	Methyl bromide (Bromomethane)		
	4960	Methyl chloride (Chloromethane)		
	4990	Methyl methacrylate		
	5000	Methyl tert-butyl ether (MTBE)		
	4975	Methylene chloride (Dichloromethane)		
	5005	Naphthalene		
	4435	n-Butylbenzene		
	5090	n-Propylbenzene		
	5250	o-Xylene		
	5080	Propionitrile (Ethyl cyanide)		
	4440	sec-Butylbenzene		
	5100	Styrene		
	4370	T-amylmethylether (TAME)		
	4420	tert-Butyl alcohol		
	4445	tert-Butylbenzene		
	5115	Tetrachloroethylene (Perchloroethylene)		
	5120	Tetrahydrofuran (THF)		
	5140	Toluene		
	4700	trans-1,2-Dichloroethylene		
	4685	trans-1,3-Dichloropropylene		
	4605	trans-1,4-Dichloro-2-butene		
	5170	Trichloroethene (Trichloroethylene)		
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
	5225	Vinyl acetate		
	5235	Vinyl chloride		
	5260	Xylene (total)		
EPA 8260B SIM			10184904	Volatile Organic Compounds by purge and trap GC/MS-SIM
	5180	1,2,3-Trichloropropane		
	4735	1,4-Dioxane (1,4- Diethyleneoxide)		
EPA 8270C			10185805	Semivolatile Organic compounds by GC/MS
	6715	1,2,4,5-Tetrachlorobenzene		
	5155	1,2,4-Trichlorobenzene		



OREGON

Environmental Laboratory Accreditation Program



ORELAP Fields of Accreditation

ORELAP ID: 4028

TestAmerica Irvine
17461 Derian Ave, Suite 100
Irvine, CA 92614

EPA CODE: CA01531
Certificate: 4028 - 004

Issue Date: 1/30/2017 Expiration Date: 1/29/2018

As of 1/30/2017 this list supersedes all previous lists for this certificate number.

Solids	EPA 8270C	4610	1,2-Dichlorobenzene
		6155	1,2-Dinitrobenzene
		6221	1,2-Diphenylhydrazine
		6885	1,3,5-Trinitrobenzene (1,3,5-TNB)
		4615	1,3-Dichlorobenzene
		6160	1,3-Dinitrobenzene (1,3-DNB)
		4620	1,4-Dichlorobenzene
		6420	1,4-Naphthoquinone
		6630	1,4-Phenylenediamine
		6380	1-Methylnaphthalene
		6425	1-Naphthylamine
		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)
		5515	2-Acetylaminofluorene
		5795	2-Chloronaphthalene
		5800	2-Chlorophenol
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
		5145	2-Methylaniline (o-Toluidine)
		6385	2-Methylnaphthalene
		6400	2-Methylphenol (o-Cresol)
		6430	2-Naphthylamine
		6460	2-Nitroaniline
		6490	2-Nitrophenol
		5050	2-Picoline (2-Methylpyridine)
		6412	3 & 4 Methylphenol
		5945	3,3'-Dichlorobenzidine
		6120	3,3'-Dimethylbenzidine
		6355	3-Methylcholanthrene
		6405	3-Methylphenol (m-Cresol)
		6465	3-Nitroaniline
		5540	4-Aminobiphenyl
		5660	4-Bromophenyl phenyl ether (BDE-3)
		5700	4-Chloro-3-methylphenol
		5745	4-Chloroaniline
		5825	4-Chlorophenyl phenylether
		6410	4-Methylphenol (p-Cresol)



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Solids

EPA 8270C

- 6470 4-Nitroaniline
- 6500 4-Nitrophenol
- 6570 5-Nitro-o-toluidine
- 6115 7,12-Dimethylbenz(a) anthracene
- 5500 Acenaphthene
- 5505 Acenaphthylene
- 5510 Acetophenone
- 5545 Aniline
- 5555 Anthracene
- 5560 Aramite
- 5595 Benzidine
- 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
- 5780 bis(2-Chloroisopropyl) ether
- 5670 Butyl benzyl phthalate
- 5680 Carbazole
- 5855 Chrysene
- 6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
- 5895 Dibenz(a,h) anthracene
- 5905 Dibenzofuran
- 6070 Diethyl phthalate
- 6135 Dimethyl phthalate
- 5925 Di-n-butyl phthalate
- 6200 Di-n-octyl phthalate
- 6205 Diphenylamine
- 6260 Ethyl methanesulfonate
- 6265 Fluoranthene
- 6270 Fluorene
- 6275 Hexachlorobenzene
- 4835 Hexachlorobutadiene
- 6285 Hexachlorocyclopentadiene
- 4840 Hexachloroethane
- 6290 Hexachlorophene
- 6295 Hexachloropropene
- 6315 Indeno(1,2,3-cd) pyrene
- 6320 Isophorone



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Solids

EPA 8270C

- 6325 Isosafrole
- 5005 Naphthalene
- 5015 Nitrobenzene
- 6525 n-Nitrosodiethylamine
- 6530 n-Nitrosodimethylamine
- 5025 n-Nitroso-di-n-butylamine
- 6545 n-Nitrosodi-n-propylamine
- 6535 n-Nitrosodiphenylamine
- 6550 n-Nitrosomethylethalamine
- 6560 n-Nitrosopiperidine
- 6565 n-Nitrosopyrrolidine
- 5553 Octachlorostyrene
- 6590 Pentachlorobenzene
- 5035 Pentachloroethane
- 6600 Pentachloronitrobenzene
- 6605 Pentachlorophenol
- 6610 Phenacetin
- 6615 Phenanthrene
- 6625 Phenol
- 6650 Pronamide (Kerb)
- 6665 Pyrene
- 5095 Pyridine
- 6685 Safrole

EPA 8270C
SIM

10242407

Semivolatile Organic compounds by
GC/MS Selective Ion Monitoring

- 4735 1,4-Dioxane (1,4- Diethyleneoxide)
- 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
- 6270 Fluorene
- 6315 Indeno(1,2,3-cd) pyrene
- 5005 Naphthalene
- 6615 Phenanthrene
- 6665 Pyrene



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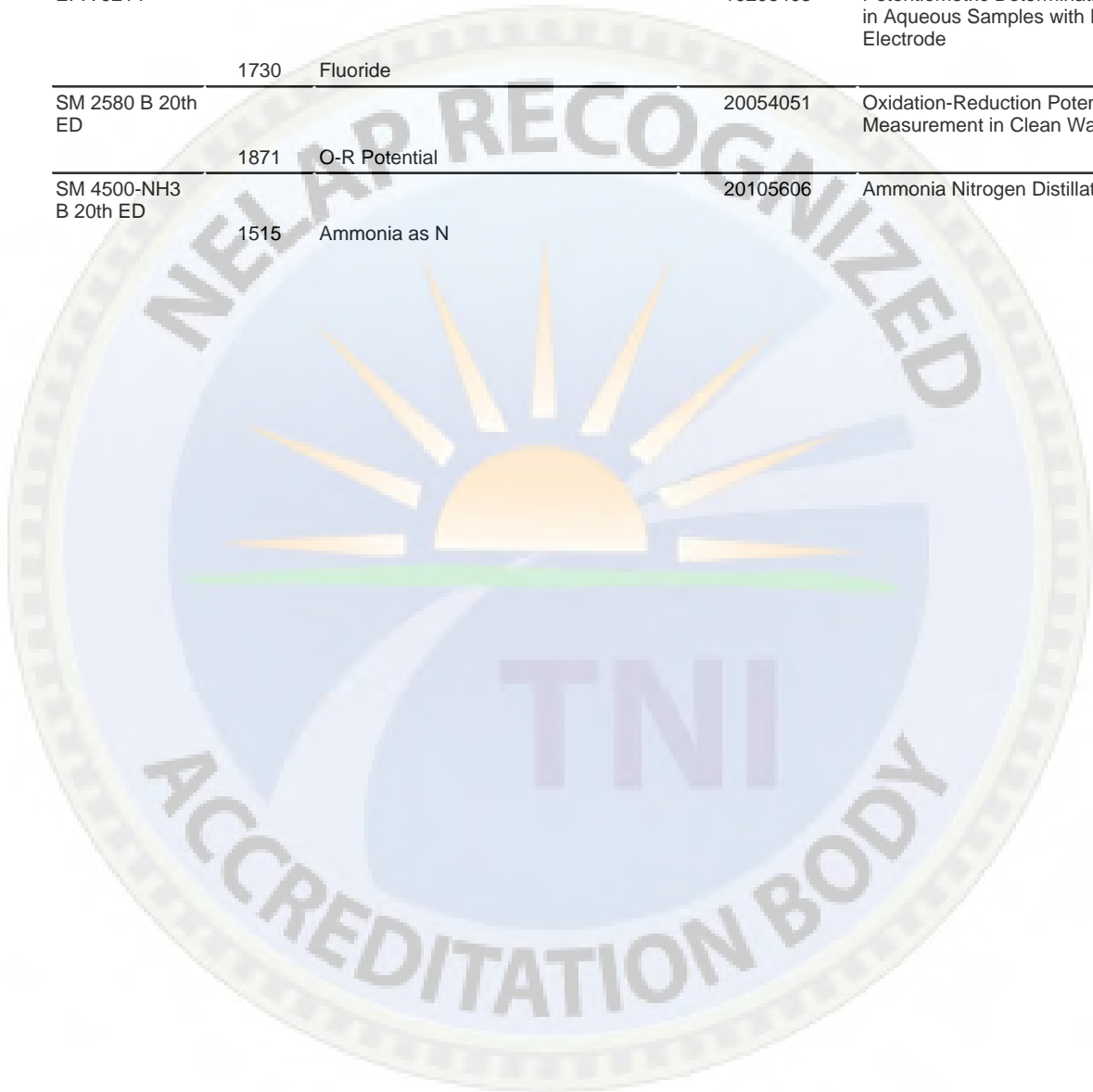
Issue Date: 1/30/2017 Expiration Date: 1/29/2018

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Method	Parameter	Method	Description
EPA 8315A	4815	10188008	Determination of Carbonyl Compounds by HPLC/UV-VIS
	Formaldehyde		
EPA 9014	1645	10193803	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide
	Total cyanide		
EPA 9034	2005	10196006	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
	Sulfide		
EPA 9045C	1900	10198400	Soil and Waste pH
	pH		
EPA 9056	1540	10199005	Determination of Inorganic Anions by Ion Chromatography
	1575		
	1730		
	1805		
	1835		
	1870		
	2000		
	Orthophosphate as P		
EPA 9056A	1540	10199607	Determination of Inorganic Anions by Ion Chromatography
	1575		
	1730		
	1805		
	1810		
	1820		
	1835		
	1840		
	1870		
	2000		
EPA 9060A	2040	10244801	Total Organic Carbon
	Total organic carbon		
EPA 9081	1560	10203404	Cation-Exchange Capacity of Soils (Sodium Acetate)
	Cation exchange capacity		
EPA 9095A	8031	10204203	Paint Filter Liquids Test
	Extraction/Preparation		
EPA 9095B	8031	10245600	Paint Filter Liquids Test
	Extraction/Preparation		

Solids

EPA 9214			10206403	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
	1730	Fluoride		
SM 2580 B 20th ED			20054051	Oxidation-Reduction Potential Measurement in Clean Water
	1871	O-R Potential		
SM 4500-NH3 B 20th ED			20105606	Ammonia Nitrogen Distillation
	1515	Ammonia as N		





STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Eurofins Lancaster Laboratories Environmental, LLC

2425 New Holland Pike

Lancaster, PA 17601

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2792**

Expiration Date: **1/31/2018**

Effective Date: **2/1/2016**

Sacramento, California
subject to forfeiture or revocation

A handwritten signature in black ink, appearing to read "Christine Sotelo".

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**



Eurofins Lancaster Laboratories Environmental, LLC

2425 New Holland Pike
Lancaster, PA 17601
Phone: (717) 656-2300

Certificate No. **2792**
Expiration Date **1/31/2018**

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.565	001	Cyanide	OIA-1677, DW
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Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	005	Cadmium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	018	Vanadium	EPA 200.8

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2
104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2

As of 2/8/2016 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethene	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2
104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.045	005	Trihalomethanes	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	007	tert-Butyl Alcohol (TBA)	EPA 524.2
104.050	008	Carbon Disulfide	EPA 524.2
Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water			
105.030	001	Alachlor	EPA 507
105.030	002	Atrazine	EPA 507
105.030	009	Simazine	EPA 507
105.070	002	2,4-D	EPA 515.1
105.070	003	Dalapon	EPA 515.1

105.070	005	Dinoseb	EPA 515.1	
105.070	006	Pentachlorophenol	EPA 515.1	
105.070	007	Picloram	EPA 515.1	
105.070	008	2,4,5-TP	EPA 515.1	
105.070	009	Chlorinated Acids	EPA 515.1	
105.090	001	Alachlor	EPA 525.2	
105.090	003	Atrazine	EPA 525.2	
105.090	004	Benzo(a)pyrene	EPA 525.2	
105.090	008	Chlordane	EPA 525.2	Interim
105.090	008	Adipates	EPA 525.2	
105.090	009	Phthalates	EPA 525.2	
105.090	013	Endrin	EPA 525.2	
105.090	014	Heptachlor	EPA 525.2	
105.090	015	Heptachlor Epoxide	EPA 525.2	
105.090	016	Hexachlorobenzene	EPA 525.2	
105.090	017	Hexachlorocyclopentadiene	EPA 525.2	
105.090	018	Lindane	EPA 525.2	
105.090	019	Methoxychlor	EPA 525.2	
105.090	025	Simazine	EPA 525.2	
105.090	029	Polynuclear Aromatic Hydrocarbons	EPA 525.2	
105.090	030	Adipates	EPA 525.2	
105.090	031	Phthalates	EPA 525.2	
105.100	000	Carbamates	EPA 531.1	
105.100	005	Carbofuran	EPA 531.1	
105.100	008	Oxamyl	EPA 531.1	

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1	
108.090	001	Residue, Volatile	EPA 160.4	
108.110	001	Turbidity	EPA 180.1	
108.112	001	Boron	EPA 200.7	
108.112	002	Calcium	EPA 200.7	
108.112	004	Magnesium	EPA 200.7	
108.112	005	Potassium	EPA 200.7	
108.112	007	Sodium	EPA 200.7	
108.113	002	Calcium	EPA 200.8	
108.113	003	Magnesium	EPA 200.8	
108.113	004	Potassium	EPA 200.8	
108.113	006	Sodium	EPA 200.8	
108.120	001	Bromide	EPA 300.0	
108.120	002	Chloride	EPA 300.0	
108.120	003	Fluoride	EPA 300.0	
108.120	008	Sulfate	EPA 300.0	
108.120	012	Nitrate (as N)	EPA 300.0	
108.120	014	Nitrite (as N)	EPA 300.0	
108.120	015	Phosphate, Ortho (as P)	EPA 300.0	Interim
108.121	001	Bromide	EPA 300.1	
108.121	002	Chloride	EPA 300.1	

108.121	003	Fluoride	EPA 300.1	
108.121	008	Sulfate	EPA 300.1	
108.121	009	Nitrate (as N)	EPA 300.1	
108.121	010	Nitrate-Nitrite (as N)	EPA 300.1	
108.121	011	Nitrite (as N)	EPA 300.1	
108.183	001	Cyanide, Total	EPA 335.4	
108.209	001	Ammonia (as N)	EPA 350.1	
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2	
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2	
108.232	004	Nitrite (as N)	EPA 353.2	
108.261	001	Phosphorus, Total	EPA 365.1	
108.264	001	Phosphate, Ortho	EPA 365.3	
108.265	001	Phosphorus, Total	EPA 365.3	
108.323	001	Chemical Oxygen Demand	EPA 410.4	
108.362	001	Phenols, Total	EPA 420.4	
108.381	001	Oil and Grease	EPA 1664A	
108.400	001	Acidity	SM2310B-1997	
108.410	001	Alkalinity	SM2320B-1997	
108.420	001	Hardness (calculation)	SM2340B-1997	
108.430	001	Conductivity	SM2510B-1997	
108.440	001	Residue, Total	SM2540B-1997	
108.441	001	Residue, Filterable TDS	SM2540C-1997	
108.442	001	Residue, Non-filterable TSS	SM2540D-1997	
108.443	001	Residue, Settleable	SM2540F-1997	
108.451	001	Chloride	SM4500-Chloride C-1997	
108.464	001	Chlorine, Total Residual	SM4500-Cl F-2000	
108.480	001	Fluoride	SM4500-F B,C-1997	
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000	
108.500	002	Ammonia (as N)	SM4500-NH3 B,C-1997	
108.501	002	Kjeldahl Nitrogen, Total (as N)	SM4500-NH3 C-1997	Interim
108.502	002	Ammonia (as N)	SM4500-NH3 B,E-1997	
108.536	001	Oxygen, dissolved	SM4500-O G-2001	Interim
108.552	001	Silica, Dissolved	SM4500-SiO2 C-1997	
108.560	001	Sulfite	SM4500-SO3 B-2000	
108.584	001	Sulfide (as S)	SM4500-S= D-2000	
108.585	001	Sulfide (as S)	SM4500-S= F-2000	
108.592	001	Biochemical Oxygen Demand	SM5210B-2001	
108.592	002	Carbonaceous BOD	SM5210B-2001	
108.597	001	Organic Carbon-Total (TOC)	SM5310C-2000	
108.605	001	Surfactants	SM5540C-2000	

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7	
109.010	002	Antimony	EPA 200.7	
109.010	003	Arsenic	EPA 200.7	
109.010	004	Barium	EPA 200.7	
109.010	005	Beryllium	EPA 200.7	
109.010	006	Boron	EPA 200.7	

109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.190	001	Mercury	EPA 245.1
109.361	001	Mercury	EPA 1631E
109.445	002	Chromium (VI)	SM3500-Cr B-2009

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.020	000	Purgeable Aromatics	EPA 602
110.020	001	Benzene	EPA 602
110.020	006	Ethylbenzene	EPA 602
110.020	007	Toluene	EPA 602

110.040	000	Purgeable Organic Compounds	EPA 624
110.040	001	Benzene	EPA 624
110.040	002	Bromodichloromethane	EPA 624
110.040	003	Bromoform	EPA 624
110.040	004	Bromomethane	EPA 624
110.040	005	Carbon Tetrachloride	EPA 624
110.040	006	Chlorobenzene	EPA 624
110.040	007	Chloroethane	EPA 624
110.040	008	2-Chloroethyl Vinyl Ether	EPA 624
110.040	009	Chloroform	EPA 624
110.040	010	Chloromethane	EPA 624
110.040	011	Dibromochloromethane	EPA 624
110.040	012	1,2-Dichlorobenzene	EPA 624
110.040	013	1,3-Dichlorobenzene	EPA 624
110.040	014	1,4-Dichlorobenzene	EPA 624
110.040	015	1,1-Dichloroethane	EPA 624
110.040	016	1,2-Dichloroethane	EPA 624
110.040	017	1,1-Dichloroethene	EPA 624
110.040	018	trans-1,2-Dichloroethene	EPA 624
110.040	019	1,2-Dichloropropane	EPA 624
110.040	020	cis-1,3-Dichloropropene	EPA 624
110.040	021	trans-1,3-Dichloropropene	EPA 624
110.040	022	Ethylbenzene	EPA 624
110.040	023	Methylene Chloride	EPA 624
110.040	024	1,1,2,2-Tetrachloroethane	EPA 624
110.040	025	Tetrachloroethene	EPA 624
110.040	026	Toluene	EPA 624
110.040	027	1,1,1-Trichloroethane	EPA 624
110.040	028	1,1,2-Trichloroethane	EPA 624
110.040	029	Trichloroethene	EPA 624
110.040	030	Trichlorofluoromethane	EPA 624
110.040	031	Vinyl Chloride	EPA 624
110.040	032	Acrolein	EPA 624
110.040	033	Acrylonitrile	EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.100	000	Base/Neutral & Acid Organics	EPA 625
111.100	001	Acenaphthene	EPA 625
111.100	002	Acenaphthylene	EPA 625
111.100	003	Anthracene	EPA 625
111.100	004	Benzidine	EPA 625
111.100	005	Benzo(a)anthracene	EPA 625
111.100	006	Benzo(b)fluoranthene	EPA 625
111.100	007	Benzo(k)fluoranthene	EPA 625
111.100	008	Benzo(g,h,i)perylene	EPA 625
111.100	009	Benzo(a)pyrene	EPA 625
111.100	010	Benzyl Butyl Phthalate	EPA 625
111.100	011	bis(2-chloroethoxy)methane	EPA 625

111.100	012	bis(2-chloroethyl) Ether	EPA 625
111.100	013	Bis(2-chloroisopropyl) Ether	EPA 625
111.100	014	Di(2-ethylhexyl) Phthalate	EPA 625
111.100	015	4-Bromophenyl Phenyl Ether	EPA 625
111.100	016	4-Chloro-3-methylphenol	EPA 625
111.100	017	2-Chloronaphthalene	EPA 625
111.100	018	2-Chlorophenol	EPA 625
111.100	019	4-Chlorophenyl Phenyl Ether	EPA 625
111.100	020	Chrysene	EPA 625
111.100	021	Dibenz(a,h)anthracene	EPA 625
111.100	025	3,3'-Dichlorobenzidine	EPA 625
111.100	026	2,4-Dichlorophenol	EPA 625
111.100	027	Diethyl Phthalate	EPA 625
111.100	028	2,4-Dimethylphenol	EPA 625
111.100	029	Dimethyl Phthalate	EPA 625
111.100	030	Di-n-butyl phthalate	EPA 625
111.100	031	Di-n-octyl phthalate	EPA 625
111.100	032	2,4-Dinitrophenol	EPA 625
111.100	033	2,4-Dinitrotoluene	EPA 625
111.100	034	2,6-Dinitrotoluene	EPA 625
111.100	035	Fluoranthene	EPA 625
111.100	036	Fluorene	EPA 625
111.100	037	Hexachlorobenzene	EPA 625
111.100	038	Hexachlorobutadiene	EPA 625
111.100	039	Hexachlorocyclopentadiene	EPA 625
111.100	040	Hexachloroethane	EPA 625
111.100	041	Indeno(1,2,3-c,d)pyrene	EPA 625
111.100	042	Isophorone	EPA 625
111.100	043	2-Methyl-4,6-dinitrophenol	EPA 625
111.100	044	Naphthalene	EPA 625
111.100	045	Nitrobenzene	EPA 625
111.100	046	2-Nitrophenol	EPA 625
111.100	047	4-Nitrophenol	EPA 625
111.100	048	N-nitrosodimethylamine	EPA 625
111.100	049	N-nitroso-di-n-propylamine	EPA 625
111.100	050	N-nitrosodiphenylamine	EPA 625
111.100	051	Pentachlorophenol	EPA 625
111.100	052	Phenanthrene	EPA 625
111.100	053	Phenol	EPA 625
111.100	054	Pyrene	EPA 625
111.100	055	1,2,4-Trichlorobenzene	EPA 625
111.100	056	2,4,6-Trichlorophenol	EPA 625
111.103	000	Nitrosamines	EPA 625
111.103	001	N-nitrosodimethylamine	EPA 625
111.103	002	N-nitroso-di-n-propylamine	EPA 625
111.103	003	N-nitrosodiphenylamine	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

111.170	001	Aktrin	EPA 608
111.170	002	a-BHC	EPA 608
111.170	003	b-BHC	EPA 608
111.170	004	d-BHC	EPA 608
111.170	005	g-BHC (Lindane)	EPA 608
111.170	006	Chlordane	EPA 608
111.170	007	4,4'-DDD	EPA 608
111.170	008	4,4'-DDE	EPA 608
111.170	009	4,4'-DDT	EPA 608
111.170	010	Dieldrin	EPA 608
111.170	011	Endosulfan I	EPA 608
111.170	012	Endosulfan II	EPA 608
111.170	013	Endosulfan Sulfate	EPA 608
111.170	014	Endrin	EPA 608
111.170	015	Endrin Aldehyde	EPA 608
111.170	016	Heptachlor	EPA 608
111.170	017	Heptachlor Epoxide	EPA 608
111.170	018	Toxaphene	EPA 608
111.170	019	PCB-1016	EPA 608
111.170	020	PCB-1221	EPA 608
111.170	021	PCB-1232	EPA 608
111.170	022	PCB-1242	EPA 608
111.170	023	PCB-1248	EPA 608
111.170	024	PCB-1254	EPA 608
111.170	025	PCB-1260	EPA 608

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020

114.020	006	Chromium	EPA 6020	
114.020	007	Cobalt	EPA 6020	
114.020	008	Copper	EPA 6020	
114.020	009	Lead	EPA 6020	
114.020	010	Molybdenum	EPA 6020	
114.020	011	Nickel	EPA 6020	
114.020	012	Selenium	EPA 6020	
114.020	013	Silver	EPA 6020	
114.020	014	Thallium	EPA 6020	
114.020	015	Vanadium	EPA 6020	
114.020	016	Zinc	EPA 6020	
114.103	001	Chromium (VI)	EPA 7196A	
114.106	001	Chromium (VI)	EPA 7199	
114.140	001	Mercury	EPA 7470A	
114.141	001	Mercury	EPA 7471A	
114.221	001	Cyanide, Total	EPA 9012A	
114.240	001	Corrosivity - pH Determination	EPA 9040B	
114.241	001	Corrosivity - pH Determination	EPA 9045C	

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	Interim
115.021	001	TCLP Inorganics	EPA 1311	Interim
115.022	001	TCLP Extractables	EPA 1311	Interim
115.023	001	TCLP Volatiles	EPA 1311	Interim
115.030	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II	Interim
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	Interim

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.010	000	EDB and DBCP	EPA 8011	
116.020	030	Nonhalogenated Volatiles	EPA 8015B	
116.020	031	Ethanol and Methanol	EPA 8015B	
116.030	001	Gasoline-range Organics	EPA 8015B	
116.040	041	Methyl tert-butyl Ether (MTBE)	EPA 8021B	
116.040	060	Halogenated Volatile Organic Compounds	EPA 8021B	
116.040	061	Aromatic Volatiles	EPA 8021B	
116.040	062	BTEX	EPA 8021B	
116.080	000	Volatile Organic Compounds	EPA 8260B	
116.080	120	Oxygenates	EPA 8260B	
116.100	001	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS	Interim
116.100	010	BTEX and MTBE	LUFT GC/MS	Interim
116.110	001	Total Petroleum Hydrocarbons - Gasoline	LUFT	Interim

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B	
117.110	000	Extractable Organics	EPA 8270C	
117.150	000	Carbonyl Compounds	EPA 8315A	
117.170	000	Nitroaromatics and Nitramines	EPA 8330	
117.171	000	Nitroaromatics and Nitramines	EPA 8330A	
117.210	000	Organochlorine Pesticides	EPA 8081A	

117.220	000	PCBs	EPA 8082	
117.240	000	Organophosphorus Pesticides	EPA 8141A	
117.250	000	Chlorinated Herbicides	EPA 8151A	
117.270	000	Carbamates, N-methylcarbamates	EPA 8318	
Field of Testing: 120 - Physical Properties of Hazardous Waste				
120.010	001	Ignitability	EPA 1010	
120.040	001	Reactive Cyanide	Section 7.3 SW-846	Interim
120.050	001	Reactive Sulfide	Section 7.3 SW-846	
120.070	001	Corrosivity - pH Determination	EPA 9040B	
120.080	001	Corrosivity - pH Determination	EPA 9045C	



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

TestAmerica Sacramento

880 Riverside Parkway
West Sacramento, CA 95605

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2897**

Expiration Date: **1/31/2018**

Effective Date: **2/1/2016**

Sacramento, California
subject to forfeiture or revocation

A handwritten signature in black ink, appearing to read "Christine Sotelo".

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**



TestAmerica Sacramento

880 Riverside Parkway
West Sacramento, CA 95605
Phone: (916) 373-5600

**Certificate No. 2897
Expiration Date 1/31/2018**

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.045	001	Perchlorate	EPA 314.0
102.047	001	Perchlorate	EPA 331.0

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.230	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613B
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Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	003	Hardness (calculation)	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	006	Silica, Dissolved	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.112	008	Phosphorus, Total	EPA 200.7
108.113	001	Boron	EPA 200.8
108.113	002	Calcium	EPA 200.8
108.113	003	Magnesium	EPA 200.8
108.113	004	Potassium	EPA 200.8
108.113	006	Sodium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.232	003	Nitrate-Nitrite (as N)	EPA 353.2
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.410	001	Alkalinity	SM2320B-1997
108.420	001	Hardness (calculation)	SM2340B
108.430	001	Conductivity	SM2510B
108.440	001	Residue, Total	SM2540B
108.441	001	Residue, Filterable TDS	SM2540C
108.442	001	Residue, Non-filterable TSS	SM2540D
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B
108.528	001	Nitrate-Nitrite (as N)	SM4500-NO3- E-2000

Interim

As of 2/2/2016, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

108.528	002	Nitrite (as N)	SM4500-NO3- E-2000	Interim
108.528	003	Nitrate (as N)	SM4500-NO3- E-2000	Interim

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	020	Gold	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.020	023	Titanium	EPA 200.8

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040 000 Purgeable Organic Compounds EPA 624

Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.100 000 Acid/base/neutral Organic Compounds EPA 625

111.103 000 Nitrosamines EPA 625

111.111 000 Dioxins and Dibenzofurans EPA 1613B

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010 001 Antimony EPA 6010B

114.010 002 Arsenic EPA 6010B

114.010 003 Barium EPA 6010B

114.010 004 Beryllium EPA 6010B

114.010 005 Cadmium EPA 6010B

114.010 006 Chromium EPA 6010B

114.010 007 Cobalt EPA 6010B

114.010 008 Copper EPA 6010B

114.010 009 Lead EPA 6010B

114.010 010 Molybdenum EPA 6010B

114.010 011 Nickel EPA 6010B

114.010 012 Selenium EPA 6010B

114.010 013 Silver EPA 6010B

114.010 014 Thallium EPA 6010B

114.010 015 Vanadium EPA 6010B

114.010 016 Zinc EPA 6010B

114.020 001 Antimony EPA 6020

114.020 002 Arsenic EPA 6020

114.020 003 Barium EPA 6020

114.020 004 Beryllium EPA 6020

114.020 005 Cadmium EPA 6020

114.020 006 Chromium EPA 6020

114.020 007 Cobalt EPA 6020

114.020 008 Copper EPA 6020

114.020 009 Lead EPA 6020

114.020 010 Molybdenum EPA 6020

114.020 011 Nickel EPA 6020

114.020 012 Selenium EPA 6020

114.020 013 Silver EPA 6020

114.020 014 Thallium EPA 6020

114.020 015 Vanadium EPA 6020

114.020 016 Zinc EPA 6020

114.103 001 Chromium (VI) EPA 7196A

114.140 001 Mercury EPA 7470A

114.141 001 Mercury EPA 7471A

114.240 001 Corrosivity - pH Determination EPA 9040B

114.241 001 Corrosivity - pH Determination EPA 9045C

114.250 001 Fluoride EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

As of 2/2/2016, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

115.021	001	TCLP Inorganics	EPA 1311	Interim
115.022	001	TCLP Extractables	EPA 1311	Interim
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II	
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.080	000	Volatile Organic Compounds	EPA 8260B	
116.080	000	Volatile Organic Compounds	EPA 8260B	
116.080	120	Oxygenates	EPA 8260B	
116.080	120	Oxygenates	EPA 8260B	
116.100	001	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS	
116.100	001	Total Petroleum Hydrocarbons - Gasoline	LUFT GC/MS	
116.100	002	Benzene	LUFT GC/MS	
116.100	003	Toluene	LUFT GC/MS	
116.100	004	Xylenes	LUFT GC/MS	
116.100	005	Methyl tert-butyl Ether (MTBE)	LUFT GC/MS	
116.100	010	BTEX and MTBE	LUFT GC/MS	
116.100	010	BTEX and MTBE	LUFT GC/MS	
116.110	001	Total Petroleum Hydrocarbons - Gasoline	LUFT	Interim

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B	
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B	
117.016	001	Diesel-range Total Petroleum Hydrocarbons	LUFT	
117.016	001	Diesel-range Total Petroleum Hydrocarbons	LUFT	
117.110	000	Extractable Organics	EPA 8270C	
117.110	000	Extractable Organics	EPA 8270C	
117.120	000	Dioxins and Dibenzofurans	EPA 8280A	
117.120	000	Dioxins and Dibenzofurans	EPA 8280A	
117.130	000	Dioxins and Dibenzofurans	EPA 8290	
117.130	000	Dioxins and Dibenzofurans	EPA 8290	
117.170	000	Nitroaromatics and Nitramines	EPA 8330	
117.170	000	Nitroaromatics and Nitramines	EPA 8330	Interim
117.171	000	Nitroaromatics and Nitramines	EPA 8330A	
117.210	000	Pesticides	EPA 8081A	
117.210	000	Pesticides	EPA 8081A	
117.220	000	PCBs	EPA 8082	
117.220	000	PCBs	EPA 8082	



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

TestAmerica St. Louis

13715 Rider Trail North

Earth City, MO 63045

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2886**

Expiration Date: **3/31/2018**

Effective Date: **4/1/2016**

Sacramento, California
subject to forfeiture or revocation

A handwritten signature in cursive script, reading "Christine Sotelo".

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing



TestAmerica St. Louis

13715 Rider Trail North
Earth City, MO 63045
Phone: (314) 298-8566

Certificate No. 2886
Expiration Date 3/31/2018

Field of Testing: 106 - Radiochemistry of Drinking Water

106.010	001	Gross Alpha and Beta Radiation	EPA 900.0
106.010	002	Gross Beta	EPA 900.0
106.030	003	Gamma Emitters	EPA 901.1
106.050	002	Radium-226 (estimate)	EPA 903.0
106.060	001	Radium-228	EPA 904.0
106.070	003	Strontium-90	EPA 905.0
106.080	001	Tritium	EPA 906.0
106.220	001	Strontium-89, 90	DOE Sr-02

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.112	001	Boron	EPA 200.7
108.112	002	Calcium	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.112	005	Potassium	EPA 200.7
108.112	007	Sodium	EPA 200.7
108.113	003	Magnesium	EPA 200.8
108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.183	001	Cyanide, Total	EPA 335.4
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.381	001	Oil and Grease	EPA 1664A
108.440	001	Residue, Total	SM2540B-1997
108.441	001	Residue, Filterable TDS	SM2540C-1997
108.442	001	Residue, Non-filterable TSS	SM2540D-1997
108.490	001	Hydrogen Ion (pH)	SM4500-H+ B-2000

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7
109.010	003	Arsenic	EPA 200.7
109.010	004	Barium	EPA 200.7
109.010	005	Beryllium	EPA 200.7
109.010	006	Boron	EPA 200.7

109.010	007	Cadmium	EPA 200.7
109.010	009	Chromium	EPA 200.7
109.010	010	Cobalt	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	016	Molybdenum	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	019	Selenium	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	023	Thallium	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	026	Vanadium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.190	001	Mercury	EPA 245.1

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
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Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.100	000	Base/Neutral & Acid Organics	EPA 625
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111.170	000	Organochlorine Pesticides and PCBs	EPA 608
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Field of Testing: 112 - Radiochemistry of Wastewater

112.010	001	Gross Alpha and Beta Radiation	EPA 900.0
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112.010	002	Gross Beta	EPA 900.0
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112.020	001	Total Alpha Radium	EPA 903.0
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112.140	002	Gamma	EPA 901.1
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112.160	001	Radium-228	EPA 904.0
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112.170	001	Strontium	EPA 905.0
112.180	001	Tritium	EPA 906.0
112.510	001	Strontium	DOE Sr-02
Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste			
114.010	001	Antimony	EPA 6010B
114.010	002	Arsenic	EPA 6010B
114.010	003	Barium	EPA 6010B
114.010	004	Beryllium	EPA 6010B
114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.103	001	Chromium (VI)	EPA 7196A
114.141	001	Mercury	EPA 7471A
114.221	001	Cyanide, Total	EPA 9012A
114.241	001	Corrosivity - pH Determination	EPA 9045C
114.250	001	Fluoride	EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.021	001	TCLP Inorganics	EPA 1311
115.022	001	TCLP Extractables	EPA 1311
115.023	001	TCLP Volatiles	EPA 1311

115.030	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II
115.040	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312
Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste			
116.030	001	Gasoline-range Organics	EPA 8015B
116.080	000	Volatile Organic Compounds	EPA 8260B
Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste			
117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015B
117.110	000	Extractable Organics	EPA 8270C
117.170	000	Nitroaromatics and Nitramines	EPA 8330
117.210	000	Organochlorine Pesticides	EPA 8081A
117.220	000	PCBs	EPA 8082
117.250	000	Chlorinated Herbicides	EPA 8151A
Field of Testing: 118 - Radiochemistry of Hazardous Waste			
118.010	001	Gross Alpha and Beta In Hazardous Wastes	EPA 9310
118.010	002	Gross Beta	EPA 9310
118.020	001	Radium, Total	EPA 9315
118.030	001	Radium-228	EPA 9320
118.271	001	Strontium	DOE Sr-02
Field of Testing: 120 - Physical Properties of Hazardous Waste			
120.010	001	Ignitability	EPA 1010
120.040	001	Reactive Cyanide	Section 7.3 SW-846
120.050	001	Reactive Sulfide	Section 7.3 SW-846
120.070	001	Corrosivity - pH Determination	EPA 9040B
120.080	001	Corrosivity - pH Determination	EPA 9045C



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

TESTAMERICA DENVER

4955 YARROW STREET

ARVADA, CO 80002

NELAP ACCREDITED

ACCREDITATION NUMBER #200017



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Primary Accrediting Authority: Oregon ELAP

Celeste M. Crowley
 Acting Manager
 Environmental Laboratory Accreditation Program

Kathy Marshall
 Accreditation Officer
 Environmental Laboratory Accreditation Program

Certificate No.: 004103
 Expiration Date: 04/30/2018
 Issued On: 03/21/2017

**State of Illinois
Environmental Protection Agency**

Certificate No.: 004103

Awards the Certificate of Approval to:

TestAmerica Denver
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Arvada, CO 80002

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

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FOT Name: Non Potable Water, Inorganic

Method: SM2120B,2001

Matrix Type: NPW

Color

Method: SM2310B,1997

Matrix Type: NPW

Acidity

Method: SM2320B,1997

Matrix Type: NPW

Alkalinity

Method: SM2340B,1997

Matrix Type: NPW

Hardness

Method: SM2340C,1997

Matrix Type: NPW

Hardness

Method: SM2510B,1997

Matrix Type: NPW

Specific Conductance

Method: SM2540B,1997

Matrix Type: NPW

Residue (Total)

Method: SM2540C,1997

Matrix Type: NPW

Residue (TDS)

Method: SM2540D,1997

Matrix Type: NPW

Residue (TSS)

Method: SM2540F,1997

Matrix Type: NPW

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FOT Name: Non Potable Water, Inorganic

Method: SM2540F,1997

Matrix Type: NPW

Residue (settleable)

Method: SM3500Cr-B,2009

Matrix Type: NPW

Chromium VI

Method: SM3500Fe-B,1997

Matrix Type: NPW

Iron

Method: SM4500CN-E,1999

Matrix Type: NPW

Cyanide

Method: SM4500CN-G,1999

Matrix Type: NPW

Cyanide, Available

Method: SM4500H-B,2000

Matrix Type: NPW

Hydrogen Ion (pH)

Method: SM4500NO2-B,2000

Matrix Type: NPW

Nitrite

Method: SM4500S2-D,2000

Matrix Type: NPW

Sulfide

Method: SM4500S2-F,2000

Matrix Type: NPW

Sulfide

Method: SM4500SO3-B,2000

Matrix Type: NPW

Sulfite

Method: SM5210B,2001

Matrix Type: NPW

Biochemical Oxygen Demand (BOD)

Carbonaceous Biochemical Oxygen Demand (CBOI)

Method: SM5310B,2000

Matrix Type: NPW

Total Organic Carbon (TOC)

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FOT Name: Non Potable Water, Inorganic

Method: USEPA160.4,1971

Matrix Type: NPW

Residue (Volatile)

Method: USEPA1664A

Matrix Type: NPW

Oil and Grease

Method: USEPA1664B

Matrix Type: NPW

Oil & Grease

Method: USEPA180.1R2.0,1993

Matrix Type: NPW

Turbidity

Method: USEPA200.7,1994

Matrix Type: NPW

Aluminum

Arsenic

Beryllium

Cadmium

Chromium

Copper

Iron

Magnesium

Molybdenum

Phosphorus

Selenium

Silver

Thallium

Titanium

Zinc

Antimony

Barium

Boron

Calcium

Cobalt

Hardness (calc)

Lead

Manganese

Nickel

Potassium

Silica

Sodium

Tin

Vanadium

Method: USEPA200.8,1994

Matrix Type: NPW

Antimony

Barium

Cadmium

Cobalt

Arsenic

Beryllium

Chromium

Copper

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FOT Name: Non Potable Water, Inorganic

Method: USEPA200.8,1994

Matrix Type: NPW

Manganese
 Nickel
 Silver
 Tin
 Zinc

Lead
 Molybdenum
 Selenium
 Thallium
 Vanadium

Method: USEPA245.1R3.0,1994

Matrix Type: NPW

Mercury

Method: USEPA300.0R2.1,1993

Matrix Type: NPW

Bromide
 Fluoride
 Nitrate-Nitrite (as N)
 Nitrite
 Sulfate

Chloride
 Nitrate
 Nitrate-Nitrite (sum)
 Orthophosphate (as P)

Method: USEPA335.4R1.0,1993

Matrix Type: NPW

Cyanide

Method: USEPA350.1R2.0,1993

Matrix Type: NPW/SCM

Ammonia

Method: USEPA351.2R2.0,1993

Matrix Type: NPW/SCM

Total Kjeldahl Nitrogen

Method: USEPA353.2R2.0,1993

Matrix Type: NPW

Nitrate
 Nitrite (as N)

Nitrate-nitrite (as N)

Method: USEPA365.1R2.0,1993

Matrix Type: NPW/SCM

Orthophosphate (as P)

Phosphorus

Method: USEPA410.4R2.0,1993

Matrix Type: NPW

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FOT Name: Non Potable Water, Inorganic

Method: USEPA410.4R2.0,1993

Matrix Type: NPW

Chemical Oxygen Demand (COD)

Method: USEPA420.1,1978

Matrix Type: NPW

Phenolics

Method: USEPA420.4R1.0,1993

Matrix Type: NPW

Phenolics

FOT Name: Non Potable Water, Organic

Method: USEPA602

Matrix Type: NPW

1,2-Dichlorobenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

Benzene

Chlorobenzene

Ethylbenzene

Toluene

Method: USEPA608

Matrix Type: NPW

4,4'-DDD

4,4'-DDE

4,4'-DDT

Aldrin

alpha-BHC

beta-BHC

Chlordane

delta-BHC

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan sulfate

Endrin

Endrin aldehyde

gamma-BHC (Lindane)

Heptachlor

Heptachlor epoxide

Methoxychlor

PCB-1016

PCB-1221

PCB-1232

PCB-1242

PCB-1248

PCB-1254

PCB-1260

Toxaphene

Method: USEPA610

Matrix Type: NPW

Acenaphthene

Acenaphthylene

Anthracene

Benzo(a)anthracene

Benzo(a)pyrene

Benzo(b)fluoranthene

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FOT Name: Non Potable Water, Organic

Method: USEPA610

Matrix Type: NPW

Benzo(k)fluoranthene
 Dibenz(a,h)anthracene
 Fluorene
 Naphthalene
 Pyrene

Benzo(g,h,i)perylene
 Chrysene
 Fluoranthene
 Indeno(1,2,3-cd) pyrene
 Phenanthrene

Method: USEPA614

Matrix Type: NPW

Azinphos methyl
 Demeton-S
 Disulfoton
 Parathion ethyl

Demeton-O
 Diazinon
 Malathion
 Parathion methyl

Method: USEPA624

Matrix Type: NPW

1,1,1-Trichloroethane
 1,1,2-Trichloroethane
 1,1-Dichloroethene
 1,2-Dichloroethane
 1,3-Dichlorobenzene
 2-Chloroethylvinyl ether
 Acrylonitrile
 Bromodichloromethane
 Bromomethane
 Chlorobenzene
 Chloroform
 cis-1,3-Dichloropropene
 Dichloromethane (Methylene chloride)
 Methyl tert-butyl ether (MTBE)
 Toluene
 trans-1,3-Dichloropropene
 Trichlorofluoromethane
 Xylenes (total)

1,1,2,2-Tetrachloroethane
 1,1-Dichloroethane
 1,2-Dichlorobenzene
 1,2-Dichloropropane
 1,4-Dichlorobenzene
 Acrolein (Propenal)
 Benzene
 Bromoform
 Carbon tetrachloride
 Chloroethane
 Chloromethane
 Dibromochloromethane
 Ethylbenzene
 Tetrachloroethene
 trans-1,2-Dichloroethene
 Trichloroethene
 Vinyl chloride

Method: USEPA625

Matrix Type: NPW

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FOT Name: Non Potable Water, Organic

Method: USEPA625

Matrix Type: NPW

1,2-Dichlorobenzene
1,4-Dichlorobenzene
2,4,5-Trichlorophenol
2,4-Dichlorophenol
2,4-Dinitrophenol
2,6-Dinitrotoluene (2,6-DNT)
2-Chlorophenol
2-Nitrophenol
4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether
Acenaphthene
Anthracene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Dibenz(a,h)anthracene
Dimethyl phthalate
Di-n-octyl phthalate
Fluorene
Hexachlorobutadiene
Hexachloroethane
Isophorone
Nitrobenzene
N-Nitrosodi-n-propylamine
Pentachlorophenol
Phenol

1,2,4-Trichlorobenzene
1,3-Dichlorobenzene
2,2-Oxybis (1-chloropropane)
2,4,6-Trichlorophenol
2,4-Dimethylphenol
2,4-Dinitrotoluene (2,4-DNT)
2-Chloronaphthalene
2-Methyl-4,6-dinitrophenol
3,3'-Dichlorobenzidine
4-Chloro-3-methylphenol
4-Nitrophenol
Acenaphthylene
Benzidine
Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzyl butyl phthalate
Bis(2-chloroethyl) ether
Chrysene
Diethyl phthalate
Di-n-butyl phthalate
Fluoranthene
Hexachlorobenzene
Hexachlorocyclopentadiene
Indeno(1,2,3-cd) pyrene
Naphthalene
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene

FOT Name: Solid and Chemical Materials, Inorganic

Method: 1010A

Matrix Type: NPW/SCM

Ignitability

Method: 1311

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FOT Name: Solid and Chemical Materials, Inorganic

Method: 1311

Matrix Type: NPW/SCM

TCLP (Organic and Inorganic)

Method: 1312

Matrix Type: NPW/SCM

Synthetic Precipitation Leaching Procedure

Method: 6010B

Matrix Type: NPW/SCM

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Lithium
Magnesium	Manganese
Molybdenum	Nickel
Phosphorus	Potassium
Selenium	Silica
Silver	Sodium
Strontium	Thallium
Tin	Titanium
Vanadium	Zinc

Method: 6010C

Matrix Type: NPW/SCM

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Lithium
Magnesium	Manganese
Molybdenum	Nickel
Phosphorus	Potassium

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FOT Name: Solid and Chemical Materials, Inorganic

Method: 6010C

Matrix Type: NPW/SCM

Silica
Sodium
Thallium
Titanium
Zinc

Selenium
Silver
Strontium
Tin
Vanadium

Method: 6020A

Matrix Type: NPW/SCM

Antimony
Barium
Cadmium
Cobalt
Lead
Molybdenum
Selenium
Thallium
Zinc

Arsenic
Beryllium
Chromium
Copper
Manganese
Nickel
Silver
Vanadium

Method: 6860

Matrix Type: NPW/SCM

Perchlorate

Method: 7196A

Matrix Type: NPW

Chromium VI

Method: 7470A

Matrix Type: NPW

Mercury

Method: 7471B

Matrix Type: SCM

Mercury

Method: 9012A

Matrix Type: NPW/SCM

Cyanide

Method: 9012B

Matrix Type: NPW/SCM

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FOT Name: Solid and Chemical Materials, Inorganic

Method: 9012B

Matrix Type: NPW/SCM

Cyanide

Method: 9020B

Matrix Type: NPW

TOX (Total Organic Halides)

Method: 9034

Matrix Type: NPW/SCM

Sulfides

Method: 9040B

Matrix Type: NPW

Hydrogen Ion (pH)

Method: 9040C

Matrix Type: NPW

Hydrogen Ion (pH)

Method: 9045C

Matrix Type: SCM

Hydrogen Ion (pH)

Method: 9045D

Matrix Type: SCM

Hydrogen Ion (pH)

Method: 9050A

Matrix Type: NPW/SCM

Specific Conductance

Method: 9056A

Matrix Type: NPW/SCM

Bromide

Chloride

Fluoride

Nitrate

Nitrite

Phosphate

Sulfate

Method: 9060A

Matrix Type: NPW/SCM

Total Organic Carbon (TOC)

Method: 9066

Matrix Type: NPW

Phenolics

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FOT Name: Solid and Chemical Materials, Inorganic

Method: 9071B

Matrix Type: SCM

Oil and Grease Extractable

Method: 9095A

Matrix Type: SCM

Paint Filter

FOT Name: Solid and Chemical Materials, Organic

Method: 8011

Matrix Type: NPW/SCM

1,2-Dibromo-3-chloropropane (DBCP)

1,2-Dibromoethane (EDB)

Method: 8015B

Matrix Type: NPW/SCM

Diesel range organics (DRO)

Gasoline range organics (GRO)

Method: 8015C

Matrix Type: NPW/SCM

Diesel range organics (DRO)

Gasoline range organics (GRO)

Method: 8015D

Matrix Type: NPW/SCM

Diesel range organics (DRO)

Gasoline range organics (GRO)

Method: 8021B

Matrix Type: NPW/SCM

1,2-Dichlorobenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

Benzene

Chlorobenzene

Ethylbenzene

MTBE (Methyl-t-butyl ether)

m-Xylene

Naphthalene

o-Xylene

p-Xylene

Toluene

Total Xylenes

Method: 8081A

Matrix Type: NPW

Dicofol

Propachlor

Matrix Type: NPW/SCM

4,4'-DDD

4,4'-DDE

4,4'-DDT

Aldrin

alpha-BHC

alpha-Chlordane

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FOT Name: Solid and Chemical Materials, Organic

Method: 8081A

Matrix Type: NPW/SCM

Chlordane - not otherwise specified
delta-BHC
Dieldrin
Endosulfan II
Endrin
Endrin ketone
gamma-Chlordane
Heptachlor epoxide
Isodrin
Methoxychlor
Toxaphene

beta-BHC
Chlorobenzilate
Diallate
Endosulfan I
Endosulfan sulfate
Endrin aldehyde
gamma-BHC (Lindane)
Heptachlor
Hexachlorobenzene
Kepone
Mirex

Method: 8081B

Matrix Type: NPW

Dicofol

Propachlor

Matrix Type: NPW/SCM

4,4'-DDD
4,4'-DDT
alpha-BHC
beta-BHC
Chlorobenzilate
Diallate
Endosulfan I
Endosulfan sulfate
Endrin aldehyde
gamma-BHC (Lindane)
Heptachlor
Hexachlorobenzene
Kepone
Mirex

4,4'-DDE
Aldrin
alpha-Chlordane
Chlordane - not otherwise specified
delta-BHC
Dieldrin
Endosulfan II
Endrin
Endrin ketone
gamma-Chlordane
Heptachlor epoxide
Isodrin
Methoxychlor
Toxaphene

Method: 8082

Matrix Type: NPW/SCM

PCB-1016
PCB-1232

PCB-1221
PCB-1242

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FOT Name: Solid and Chemical Materials, Organic

Method: 8082

Matrix Type: NPW/SCM

PCB-1248

PCB-1254

PCB-1260

Method: 8082A

Matrix Type: NPW/SCM

PCB-1016

PCB-1221

PCB-1232

PCB-1242

PCB-1248

PCB-1254

PCB-1260

Method: 8141B

Matrix Type: NPW/SCM

Atrazine

Azinphos-ethyl

Azinphos-methyl

Carbophenothion

Chloropyrifos

Coumaphos

Demeton

Diazinon

Dichlorovos

Dimethoate

Disulfoton

EPN

Ethoprop

Famphur

Fensulfothion

Fenthion

Malathion

Merphos

Mevinphos

Naled

Parathion ethyl

Parathion methyl

Phorate

Phosmet

Ronnel

Simazine

Sulfotepp

Sulprofos (Bolstar)

Tetrachlorvinphos (Stiropfos)

Thionazine (Zinophos)

Tokuthion (Protothiofos)

Trichloronate

Method: 8151A

Matrix Type: NPW

Dinoseb

Matrix Type: NPW/SCM

2,4,5-T

2,4,5-TP (Silvex)

2,4-D

2,4-DB

Dalapon

Dicamba

Dichloroprop

MCPA

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FOT Name: Solid and Chemical Materials, Organic

Method: 8151A

Matrix Type: NPW/SCM

MCPP

Picloram

Method: 8260B

Matrix Type: NPW/SCM

1,1,1,2-Tetrachloroethane

1,1,1-Trichloroethane

1,1,2,2-Tetrachloroethane

1,1,2-Trichloroethane

1,1-Dichloroethane

1,1-Dichloroethene

1,1-Dichloropropene

1,2,3-Trichlorobenzene

1,2,3-Trichloropropane

1,2,4-Trichlorobenzene

1,2,4-Trimethylbenzene

1,2-Dibromo-3-chloropropane (DBCP)

1,2-Dibromoethane (EDB)

1,2-Dichlorobenzene

1,2-Dichloroethane

1,2-Dichloropropane

1,3,5-TCB

1,3,5-Trimethylbenzene

1,3-Dichlorobenzene

1,3-Dichloropropane

1,4-Dichlorobenzene

1,4-Dioxane

1-Chlorohexane

2,2-Dichloropropane

2-Butanone (Methyl ethyl ketone, MEK)

2-Chloro-1,3-butadiene (Chloroprene)

2-Chloroethyl vinyl ether

2-Chlorotoluene

2-Hexanone

2-Methyl-1-propanol (Isobutyl alcohol)

2-Nitropropane

2-Pentanone

2-Propanol (Isopropyl alcohol)

4-Chlorotoluene

4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK)

Acetone

Acetonitrile

Acrolein (Propenal)

Acrylonitrile

Allyl chloride

Benzene

Bromobenzene

Bromochloromethane

Bromodichloromethane

Bromoform

Bromomethane

Carbon disulfide

Carbon tetrachloride

Chlorobenzene

Chlorodibromomethane (Dibromochloromethane)

Chloroethane

Chloroform

Chloromethane

Chloroprene

cis-1,2-Dichloroethene

cis-1,3-Dichloropropene

cis-1,4-Dichloro-2-butene

Dibromomethane

Dichlorodifluoromethane

Dichloromethane (Methylene chloride)

Diethyl ether

Ethanol

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FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

Ethyl ether
Ethylbenzene
Hexachlorobutadiene
Isopropylbenzene
Methacrylonitrile
Methyl iodide (Iodomethane)
Methyl methacrylate
m-Xylene
n-Butanol
n-Propylbenzene
Pentachloroethane
Propionitrile (Ethyl cyanide)
sec-Butylbenzene
t-Butyl alcohol
Tetrachloroethene
Toluene
trans-1,3-Dichloropropene
Trichloroethene
Trichlorotrifluoroethane
Vinyl chloride

Ethyl acetate
Ethyl methacrylate
Ethylene oxide
Isopropyl ether
m&p-xylene
Methyl ethyl ketone
Methyl isobutyl ketone
Methyl-t-butyl ether
Naphthalene
n-Butylbenzene
o-Xylene
p-Isopropyltoluene
p-Xylene
Styrene
tert-Butylbenzene
Tetrahydrofuran
trans-1,2-Dichloroethene
trans-1,4-Dichloro-2-butene
Trichlorofluoromethane
Vinyl acetate
Xylenes (Total)

Method: 8270C

Matrix Type: NPW/SCM

1,2,4,5-Tetrachlorobenzene
1,2-Dichlorobenzene
1,3,5-Trinitrobenzene (1,3,5-TNB)
1,3-Dinitrobenzene (1,3-DNB)
1,4-Dinitrobenzene
1,4-Naphthoquinone
1-Chloronaphthalene
1-Naphthylamine
2,3,4,6-Tetrachlorophenol
2,4,6-Trichlorophenol
2,4-Dimethylphenol
2,4-Dinitrotoluene (2,4-DNT)

1,2,4-Trichlorobenzene
1,2-Diphenylhydrazine
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dioxane
1,4-Phenylenediamine
1-Methylnaphthalene
2,2-Oxybis (1-chloropropane)
2,4,5-Trichlorophenol
2,4-Dichlorophenol
2,4-Dinitrophenol
2,6-Dichlorophenol

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FOT Name: Solid and Chemical Materials, Organic

Method: 8270C

Matrix Type: NPW/SCM

2-Acetylaminofluorene
2-Chlorophenol
2-Methylphenol
2-Methylpyridine (2-Picoline)
2-Nitroaniline
3,3'-Dichlorobenzidine
3-Methylcholanthrene
3-Nitroaniline
4,6-Dinitro-2-methylphenol
4-Bromophenyl phenyl ether
4-Chloroaniline
4-Methylphenol
4-Nitroaniline
4-Nitroquinoline-1-oxide
7,12-Dimethylbenz(a)anthracene
Acenaphthylene
alpha,alpha-Dimethylphenethylamine
Anthracene
Benzidine
Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzoic acid
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Carbazole
Chrysene
Dibenz(a,h)anthracene
Dibenzo(a,e)pyrene
Diethyl phthalate
Dimethyl phthalate
Di-n-octyl phthalate
Diphenylamine
Ethyl methanesulfonate
Fluoranthene

2,6-Dinitrotoluene (2,6-DNT)
2-Chloronaphthalene
2-Methylnaphthalene
2-Methylphenol (o-Cresol)
2-Naphthylamine
2-Nitrophenol
3,3'-Dimethylbenzidine
3-Methylphenol (m-Cresol)
4,4'-Methylenebis(2-Chloroaniline)
4-Aminobiphenyl
4-Chloro-3-methylphenol
4-Chlorophenyl phenyl ether
4-Methylphenol (p-Cresol)
4-Nitrophenol
5-Nitro-o-toluidine
Acenaphthene
Acetophenone
Aniline
Aramite
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzyl alcohol
Bis(2-chloroethyl) ether
Butyl benzyl phthalate
Chlorobenzilate
Diallate
Dibenz(a,j)acridine
Dibenzofuran
Dimethoate
Di-n-butyl phthalate
Dinoseb
Disulfoton
Famphur
Fluorene

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FOT Name: Solid and Chemical Materials, Organic

Method: 8270C

Matrix Type: NPW/SCM

Hexachlorobutadiene
Hexachloroethane
Indeno(1,2,3-cd) pyrene
Isophorone
m-Cresol (3-Methylphenol)
Methyl methanesulfonate
Naphthalene
Nitroquinoline-1-oxide
N-Nitrosodimethylamine
N-Nitrosodi-n-propylamine
N-Nitrosomethylethylamine
N-Nitrosopiperidine
O,O,O-Triethyl phosphorothioate
o-Toluidine
p-Cresol (4-Methylphenol)
Pentachlorobenzene
Pentachlorophenol
Phenanthrene
Phorate
p-Phenylenediamine
Pyrene
Safrole
Tris(2,3-dibromopropyl) phosphate

Hexachlorobenzene
Hexachlorocyclopentadiene
Hexachloropropene
Isodrin
Isosafrole
Methapyrilene
Methyl parathion
Nitrobenzene
N-Nitrosodiethylamine
N-Nitrosodi-n-butylamine (N-Nitrosodibutylamine)
N-Nitrosodiphenylamine
N-Nitrosomorpholine
N-Nitrosopyrrolidine
o-Anisidine
Parathion
p-Dimethylaminoazobenzene
Pentachloronitrobenzene
Phenacetin
Phenol
Phthalic anhydride
Pronamide
Pyridine
Thionazine (Zinophos)

Method: 8270D

Matrix Type: NPW

p-Dimethylaminoazobenzene

Matrix Type: NPW/SCM

1,2,4,5-Tetrachlorobenzene
1,2-Dichlorobenzene
1,3,5-Trinitrobenzene (1,3,5-TNB)
1,3-Dinitrobenzene (1,3-DNB)
1,4-Dinitrobenzene
1,4-Naphthoquinone
1-Chloronaphthalene

1,2,4-Trichlorobenzene
1,2-Diphenylhydrazine
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dioxane
1,4-Phenylenediamine
1-Methylnaphthalene

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FOT Name: Solid and Chemical Materials, Organic

Method: 8270D

Matrix Type: NPW/SCM

2,2-Oxybis (1-chloropropane)
2,4,5-Trichlorophenol
2,4-Dichlorophenol
2,4-Dinitrophenol
2,6-Dichlorophenol
2-Acetylamino fluorene
2-Chlorophenol
2-Methylphenol (o-Cresol)
2-Naphthylamine
2-Nitrophenol
3,3'-Dimethylbenzidine
3-Methylphenol (m-Cresol)
4,4'-Methylenebis(2-Chloroaniline)
4-Aminobiphenyl
4-Chloro-3-methylphenol
4-Chlorophenyl phenyl ether
4-Nitroaniline
4-Nitroquinoline-1-oxide
7,12-Dimethylbenz(a)anthracene
Acenaphthylene
alpha,alpha-Dimethylphenethylamine
Anthracene
Benzidine
Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzoic acid
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Carbazole
Chrysene
Dibenz(a,h)anthracene
Dibenzofuran
Dimethoate
Di-n-butyl phthalate

1-Naphthylamine
2,3,4,6-Tetrachlorophenol
2,4,6-Trichlorophenol
2,4-Dimethylphenol
2,4-Dinitrotoluene (2,4-DNT)
2,6-Dinitrotoluene (2,6-DNT)
2-Chloronaphthalene
2-Methylnaphthalene
2-Methylpyridine (2-Picoline)
2-Nitroaniline
3,3'-Dichlorobenzidine
3-Methylcholanthrene
3-Nitroaniline
4,6-Dinitro-2-methylphenol
4-Bromophenyl phenyl ether
4-Chloroaniline
4-Methylphenol (p-Cresol)
4-Nitrophenol
5-Nitro-o-toluidine
Acenaphthene
Acetophenone
Aniline
Aramite
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzyl alcohol
Bis(2-chloroethyl) ether
Butyl benzyl phthalate
Chlorobenzilate
Diallate
Dibenz(a,j)acridine
Diethyl phthalate
Dimethyl phthalate
Di-n-octyl phthalate

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FOT Name: Solid and Chemical Materials, Organic

Method: 8270D

Matrix Type: NPW/SCM

Diphenylamine
Ethyl methanesulfonate
Fluoranthene
Hexachlorobenzene
Hexachlorocyclopentadiene
Hexachloropropene
Isodrin
Isosafrole
Methapyrilene
Methyl parathion
Nitrobenzene
N-Nitrosodiethylamine
N-Nitrosodi-n-butylamine (N-Nitrosodibutylamine)
N-Nitrosodiphenylamine
N-Nitrosomorpholine
N-Nitrosopyrrolidine
o-Toluidine
p-Cresol (4-Methylphenol)
Pentachloronitrobenzene
Phenacetin
Phenol
p-Phenylenediamine
Pyrene
Safrole

Dinoseb
Disulfoton
Famphur
Fluorene
Hexachlorobutadiene
Hexachloroethane
Indeno(1,2,3-cd) pyrene
Isophorone
m-Cresol (3-Methylphenol)
Methyl methanesulfonate
Naphthalene
Nitroquinoline-1-oxide
N-Nitrosodimethylamine
N-Nitrosodi-n-propylamine
N-Nitrosomethylethylamine
N-Nitrosopiperidine
O,O,O-Triethyl phosphorothioate
Parathion
Pentachlorobenzene
Pentachlorophenol
Phenanthrene
Phorate
Pronamide
Pyridine
Thionazine (Zinophos)

Method: 8310

Matrix Type: NPW/SCM

Acenaphthene
Anthracene
Benzo(a)pyrene
Benzo(g,h,i)perylene
Chrysene
Fluoranthene
Indeno(1,2,3-cd) pyrene
Phenanthrene

Acenaphthylene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Dibenz(a,h)anthracene
Fluorene
Naphthalene
Pyrene

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FOT Name: Solid and Chemical Materials, Organic

Method: 8321B

Matrix Type: NPW/SCM

2,4,5-T	2,4,5-TP (Silvex)
2,4-D	2,4-DB
Aldicarb (Temik)	Aminocarb
Carbaryl (Sevin)	Carbofuran (Furaden)
Chloroprotham	Dalapon
Dicamba	Dichlorprop
Dinoseb	Diuron
Fenuron	Fluometuron
Linuron (Lorox)	MCPA
MCPPP	Methiocarb (Mesurol)
Methomyl (Lannate)	Mexacarbate
Monuron	Neburon
Protham	Propoxur (Baygon)
Siduron	

Method: 8330A

Matrix Type: NPW/SCM

1,3,5-Trinitrobenzene (1,3,5-TNB)	1,3-Dinitrobenzene (1,3-DNB)
2,4,6-Trinitrotoluene	2,4-Dinitrotoluene (2,4-DNT)
2,6-Dinitrotoluene (2,6-DNT)	2-Amino-4,6-dinitrotoluene (2-Am-DNT)
2-Nitrotoluene (2-NT)	3-Nitrotoluene (3-NT)
4-Amino-2,6-dinitrotoluene (4-Am-DNT)	4-Nitrotoluene (4-NT)
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	Methyl-2,4,6-trinitrophenylnitramine (Tetryl)
Nitrobenzene	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine(HM)

Method: 8330B

Matrix Type: NPW/SCM

1,3,5-Trinitrobenzene (1,3,5-TNB)	1,3-Dinitrobenzene (1,3-DNB)
2,4,6-Trinitrotoluene (2,4,6-TNT)	2,4-Dinitrotoluene (2,4-DNT)
2,6-Dinitrotoluene (2,6-DNT)	2-Amino-4,6-dinitrotoluene (2-Am-DNT)
2-Nitrotoluene (2-NT)	3,5-Dinitroaniline (3,5-DNA)
3-Nitrotoluene (3-NT)	4-Amino-2,6-dinitrotoluene (4-Am-DNT)
4-Nitrotoluene (4-NT)	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)
Methyl-2,4,6-trinitrophenylnitramine (Tetryl)	Nitrobenzene (NB)
Nitroglycerin (NG)	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HM)

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FOT Name: Solid and Chemical Materials, Organic

Method: 8330B

Matrix Type: NPW/SCM

Pentaerythritol tetranitrate (PETN)



**STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED**



ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

**TESTAMERICA SACRAMENTO
880 RIVERSIDE PARKWAY
WEST SACRAMENTO, CA 95605
NELAP ACCREDITED
ACCREDITATION NUMBER #200060**



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Primary Accrediting Authority: Oregon ELAP

Celeste M. Crowley

Rebecca Hamblen

Celeste M. Crowley
Acting Manager
Environmental Laboratory Accreditation Program

Rebecca Hamblen
Accreditation Officer
Environmental Laboratory Accreditation Program

Certificate No.: 004075
Expiration Date: 03/17/2018
Issued On: 02/09/2017

State of Illinois Environmental Protection Agency

Certificate No.: 004075

Awards the Certificate of Approval to:

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

FOT Name: Drinking Water, Organic

Method: USEPA1613RB

Matrix Type: Potable Water

Dioxin (2,3,7,8 TCDD)

FOT Name: Non Potable Water, Organic

Method: USEPA1613B

Matrix Type: NPW/SCM

1,2,3,4,6,7,8-Heptachlorodibenzofuran	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
1,2,3,4,7,8,9-Heptachlorodibenzofuran	1,2,3,4,7,8-Hexachlorodibenzofuran
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1,2,3,6,7,8-Hexachlorodibenzofuran
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1,2,3,7,8,9-Hexachlorodibenzofuran
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1,2,3,7,8-Pentachlorodibenzofuran
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2,3,4,6,7,8-Hexachlorodibenzofuran
2,3,4,7,8-Pentachlorodibenzofuran	2,3,7,8-Tetrachlorodibenzofuran
2,3,7,8-Tetrachlorodibenzo-p-dioxin	Octachlorodibenzofuran
Octachlorodibenzo-p-dioxin	Total Heptachlorodibenzofuran
Total Heptachlorodibenzo-p-dioxin	Total Hexachlorodibenzofuran
Total Hexachlorodibenzo-p-dioxin	Total Pentachlorodibenzofuran
Total Pentachlorodibenzo-p-dioxin	Total Tetrachlorodibenzofuran
Total Tetrachlorodibenzo-p-dioxin	

FOT Name: Solid and Chemical Materials, Organic

Method: 8280A

Matrix Type: NPW/SCM

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)

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FOT Name: Solid and Chemical Materials, Organic

Method: 8280A

Matrix Type: NPW/SCM

2,3,7,8-Tetrachlorodibenzofuran (TCDF)
Total Heptachlorodibenzofuran (HpCDF)
Total Hexachlorodibenzofuran (HxCDF)
Total Pentachlorodibenzofuran (PeCDF)
Total Tetrachlorodibenzofuran (TCDF)

2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
Total Heptachlorodibenzo-p-dioxin (HpCDD)
Total Hexachlorodibenzo-p-dioxin (HxCDD)
Total Pentachlorodibenzo-p-dioxin (PeCDD)
Total Tetrachlorodibenzo-p-dioxin (TCDD)

Method: 8280B

Matrix Type: NPW/SCM

1,2,3,4,5,6,7,8,9-Octachlorodibenzofuran (OCDF)
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
Total Heptachlorodibenzo-p-dioxin (HpCDD)
Total Hexachlorodibenzo-p-dioxin (HxCDD)
Total Pentachlorodibenzo-p-dioxin (PeCDD)
Total Tetrachlorodibenzo-p-dioxin (TCDD)

1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin (OCDD)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)
2,3,7,8-Tetrachlorodibenzofuran (TCDF)
Total Heptachlorodibenzofuran (HpCDF)
Total Hexachlorodibenzofuran (HxCDF)
Total Pentachlorodibenzofuran (PeCDF)
Total Tetrachlorodibenzofuran (TCDF)

Method: 8290A

Matrix Type: NPW/SCM

1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
Total Heptachlorodibenzo-p-dioxin (HpCDD)
Total Hexachlorodibenzo-p-dioxin (HxCDD)

1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)
2,3,7,8-Tetrachlorodibenzofuran (TCDF)
Total Heptachlorodibenzofuran (HpCDF)
Total Hexachlorodibenzofuran (HxCDF)
Total Pentachlorodibenzofuran (PeCDF)

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004075

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

FOT Name: Solid and Chemical Materials, Organic

Method: 8290A

Matrix Type: NPW/SCM

Total Pentachlorodibenzo-p-dioxin (PeCDD)

Total Tetrachlorodibenzofuran (TCDF)

Total Tetrachlorodibenzo-p-dioxin (TCDD)



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Environmental Laboratory Accreditation Program



NELAP Recognized

TestAmerica Denver
4025

4955 Yarrow St.
Arvada, CO 80002

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
	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.

Lizbeth Garcia for

Gary K. Ward, MS
Oregon State Public Health Laboratory
ORELAP Administrator
3150 NW. 229th Ave, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 01/9/2017
EXPIRATION DATE : 01/8/2018
Certificate No : 4025 - 006





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Environmental Laboratory Accreditation Program



ORELAP Fields of Accreditation

ORELAP ID: 4025

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MATRIX	Reference	Code	Analyte	Code	Description
Drinking Water	DV-LC-0012			60036035	TestAmerica Denver - PFOA in NPW and SCM by HPLC-MS-MS
		7044	Ammonium Perfluorooctanoate (APFO)		
		6911	Perfluorobutane Sulfonate (PFBS)		
		6915	Perfluorobutyric acid (PFBA)		
		9562	Perfluorodecane Sulfonate (PFDS)		
		6905	Perfluorodecanoic acid (PFDA)		
		6903	Perfluorododecanoic (PFDDA)		
		6908	Perfluoroheptanoic acid (PFHA)		
		6910	Perfluorohexane Sulfonate (PFHS)		
		6913	Perfluorohexanoic acid (PFHXA)		
		6906	Perfluorononanoic acid (PFNA)		
		6917	Perfluorooctane Sulfonamide (PFOSA)		
		6912	Perfluorooctanoic acid		
		6909	Perfluorooctanoic Sulfonate (PFOS)		
		6914	Perfluoropentanoic acid (PFPEA)		
		6902	Perfluorotetradecanoic acid (PFTDA)		
		9563	Perfluorotridecanoic (PFTRIA)		
	6904	Perfluoroundecanoic acid (PFUDA)			
Non-Potable Water	ASTM D5057-10			30032134	Screening Apparent Specific Gravity and Bulk Density of Waste
		8042	Specific Gravity (Relative Density)		
	ASTM D7065-06			30032918	Nonylphenol by GC/MS
		6513	4-Nonylphenol		
		9466	4-Nonylphenol diethoxylate		
		6512	4-tert-Octylphenol		
		9301	Bisphenol A		
		9592	Nonyl phenol monoethoxylate		
	CA HML 939-M			90016765	Determination of Organic Lead Compounds by Graphite Furnace Absorption Spectrometry
		1208	Organic Lead		
	D1429-08			30023439	Standard Test Methods for Specific Gravity of Water and Brine
		8042	Specific Gravity (Relative Density)		
	DV-LC-0012			60036035	TestAmerica Denver - PFOA in NPW and SCM by HPLC-MS-MS
	7044	Ammonium Perfluorooctanoate (APFO)			
	6911	Perfluorobutane Sulfonate (PFBS)			
	6915	Perfluorobutyric acid (PFBA)			



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DV-LC-0012	9562	Perfluorodecane Sulfonate (PFDS)		
	6905	Perfluorodecanoic acid (PFDA)		
	6903	Perfluorododecanoic (PFDDA)		
	6908	Perfluoroheptanoic acid (PFHA)		
	6910	Perfluorohexane Sulfonate (PFHS)		
	6913	Perfluorohexanoic acid (PFHXA)		
	6906	Perfluorononanoic acid (PFNA)		
	6917	Perfluorooctane Sulfonamide (PFOSA)		
	6912	Perfluorooctanoic acid		
	6909	Perfluorooctanoic Sulfonate (PFOS)		
	6914	Perfluoropentanoic acid (PFPEA)		
	6902	Perfluorotetradecanoic acid (PFTDA)		
	9563	Perfluorotridecanoic (PFTRIA)		
6904	Perfluoroundecanoic acid (PFUDA)			
DV-LC-0020 3			60036013	TestAmerica Denver - Disodium Iminodiacetate (IDA) by LC/MS/MS (modified EPA 8321A)
	6119	Disodium Inimodiacetate		
DV-WC-0077			60036046	TestAmerica Denver - Determination of Hydrazine, Monomethyl Hydrazine, and Unsymmetrical Dimethylhydrazine by IC
	9378	1,1-Dimethyl hydrazine		
	9486	Hydrazine		
	9495	Methyl hydrazine (MMH)		
EPA 1010			10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
	1780	Ignitability		
EPA 1010A			10234807	Pensky-Martens Closed-Cup Method for Determining Ignitability
	1780	Ignitability		
EPA 1311			10118806	Toxicity Characteristic Leaching Procedure
	8031	Extraction/Preparation		
EPA 1312			10119003	Synthetic Precipitation Leaching Procedure
	8031	Extraction/Preparation		
EPA 160.4			10010409	Total Volatile Solids, ignition @ 550 C.
	1947	Residue - Fixed		
	1948	Residue - Fixed, Nonfilterable (FSS)		
	2070	Volatile suspended solids		
EPA 160.4			10010409	Total Volatile Solids, ignition @ 550 C.
	1970	Residue-volatile		
EPA 1664A (HEM)			10127807	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
	1803	n-Hexane Extractable Material (O&G)		



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EPA 1664A (HEM)	1860	Oil & Grease		
EPA 1664A (SGT-HEM)			10261606	Silica Gen Treated N-Hexane Extractable Material (Oil and Grease)
	2050	Total Petroleum Hydrocarbons (TPH)		
EPA 1664B			10261617	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
	1803	n-Hexane Extractable Material (O&G)		
	1860	Oil & Grease		
EPA 1664B (SGT-HEM)			10260628	Silica Gel Treated n-Hexane Extractable Material (Oil & Grease)
	2050	Total Petroleum Hydrocarbons (TPH)		
EPA 180.1 2			10011800	Turbidity - Nephelometric
	2055	Turbidity		
EPA 200.7 4.4			10013806	ICP - metals
	1000	Aluminum		
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1025	Boron		
	1030	Cadmium		
	1035	Calcium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1760	Hardness (calc.)		
	1070	Iron		
	1075	Lead		
	1080	Lithium		
	1085	Magnesium		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1910	Phosphorus, total		
	1125	Potassium		
	1140	Selenium		
	1990	Silica as SiO2		
	1145	Silicon		
	1150	Silver		
	1155	Sodium		
	1160	Strontium		
	2017	Sulfur		



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EPA 200.7 4.4	1165	Thallium			
	1175	Tin			
	1180	Titanium			
	1185	Vanadium			
	1190	Zinc			
	EPA 200.8 5.4	10014605	Metals by ICP-MS		
		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				
1170	Thorium				
1175	Tin				
3035	Uranium				
1185	Vanadium				
1190	Zinc				
EPA 245.1 3	10036609	Mercury by Cold Vapor Atomic Absorption			
	1095	Mercury			
EPA 300.0	10053006	Ion chromatography - anions.			
	1540	Bromide			
	1575	Chloride			
	1730	Fluoride			
	1810	Nitrate as N			
	1820	Nitrate-nitrite			
	1840	Nitrite as N			
	1870	Orthophosphate as P			
	2000	Sulfate			
EPA 3005A	10133207	Acid Digestion of waters for Total Recoverable or Dissolved Metals			
	9822	Extraction/Preparation			
EPA 3010A	10133605	Acid Digestion of Aqueous samples and Extracts for Total Metals			
	9822	Extraction/Preparation			



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EPA 3020A		10134404	Acid Digestion of Aqueous samples and Extracts for Total Metals for Analysis by GFAA
	9822 Extraction/Preparation		
EPA 335.1		10060001	Cyanides, amenable to chlorination
	1510 Amenable cyanide		
EPA 335.4		10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
	1645 Total cyanide		
EPA 350.1 2		10063602	Ammonia Nitrogen - Colorimetric, Auto Phenate
	1515 Ammonia as N		
EPA 351.2 2		10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate
	1795 Kjeldahl nitrogen - total		
EPA 351.2 minus EPA 350.1		10238207	Organic Nitrogen by Automated Phenate (Calculated)
	1865 Organic nitrogen		
EPA 3510C		10138202	Separatory Funnel Liquid-liquid extraction
	9822 Extraction/Preparation		
EPA 3520C		10139001	Continuous Liquid-liquid extraction
	9822 Extraction/Preparation		
EPA 353.2 2		10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
	1810 Nitrate as N		
	1820 Nitrate-nitrite		
	1825 Total nitrate+nitrite		
EPA 3535A		10139409	Solid-Phase Extraction (SPE)
	9822 Extraction/Preparation		
EPA 3580A		10143007	Waste Dilution
	8031 Extraction/Preparation		
EPA 3620B		10145809	Florisil Cleanup
	9822 Extraction/Preparation		
EPA 365.1 2		10070005	Phosphorous - Colorimetric, Automated persulfate
	1870 Orthophosphate as P		
	1910 Phosphorus, total		
EPA 3660B		10148400	Sulfur cleanup
	8031 Extraction/Preparation		
EPA 3665A		10148808	Sulfuric Acid / permanganate Cleanup
	9822 Extraction/Preparation		



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EPA 410.4 2		10077404	Chemical Oxygen Demand - Colorimetric, Automated.
	1565 Chemical oxygen demand		
EPA 420.1		10079400	Phenolics - Spectrophotometric, manual.
	1905 Total phenolics		
EPA 420.4		10080203	Phenolics, Total Recoverable by Semi-Automated Colorimetry
	1905 Total phenolics		
EPA 5030B		10153409	Purge and trap for aqueous samples
	9822 Extraction/Preparation		
EPA 5030C		10284603	Purge-and-Trap for Aqueous Samples
	8031 Extraction/Preparation		
EPA 6010B		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		
	1080 Lithium		
	1085 Magnesium		
	1090 Manganese		
	1100 Molybdenum		
	1105 Nickel		
	1910 Phosphorus, total		
	1125 Potassium		
	1140 Selenium		
	1990 Silica as SiO2		
	1145 Silicon		
	1150 Silver		
	1155 Sodium		
	1160 Strontium		
	2017 Sulfur		
	1165 Thallium		
	1175 Tin		



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EPA 6010B	1180	Titanium		
	1185	Vanadium		
	1190	Zinc		
EPA 6010C			10155803	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		
	1080	Lithium		
	1085	Magnesium		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1910	Phosphorus, total		
	1125	Potassium		
	1140	Selenium		
	1990	Silica as SiO2		
	1145	Silicon		
	1150	Silver		
	1155	Sodium		
	1160	Strontium		
	2017	Sulfur		
	1165	Thallium		
	1175	Tin		
	1180	Titanium		
	1185	Vanadium		
	1190	Zinc		
EPA 6010D			10155916	Metals by ICP - AES
	1000	Aluminum		
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1025	Boron		



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EPA 6010D	1030	Cadmium		
	1035	Calcium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1070	Iron		
	1075	Lead		
	1080	Lithium		
	1085	Magnesium		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1910	Phosphorus, total		
	1125	Potassium		
	1140	Selenium		
	1990	Silica as SiO ₂		
	1145	Silicon		
	1150	Silver		
	1155	Sodium		
	1160	Strontium		
2017	Sulfur			
1165	Thallium			
1175	Tin			
1180	Titanium			
1185	Vanadium			
1190	Zinc			
EPA 602	10102202	Purgeable Aromatics by GC/PID Purge & Trap		
	4610	1,2-Dichlorobenzene		
	4615	1,3-Dichlorobenzene		
	4620	1,4-Dichlorobenzene		
	4375	Benzene		
	4475	Chlorobenzene		
	4765	Ethylbenzene		
	5240	m+p-xylene		
	5000	Methyl tert-butyl ether (MTBE)		
	5250	o-Xylene		
	5140	Toluene		
	5260	Xylene (total)		
EPA 6020	10156000	Inductively Coupled Plasma-Mass Spectrometry		
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		



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EPA 6020	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1075	Lead		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1170	Thorium		
	1175	Tin		
	3035	Uranium		
	1185	Vanadium		
	1190	Zinc		
EPA 6020A			10156408	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		
	1170	Thorium		
	1175	Tin		
	3035	Uranium		
	1185	Vanadium		
	1190	Zinc		
EPA 6020B 2014			10156420	Inductively Coupled Plasma-Mass Spectrometry
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		



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EPA 6020B
2014

- 1020 Beryllium
- 1030 Cadmium
- 1040 Chromium
- 1050 Cobalt
- 1055 Copper
- 1075 Lead
- 1090 Manganese
- 1100 Molybdenum
- 1105 Nickel
- 1140 Selenium
- 1150 Silver
- 1165 Thallium
- 1170 Thorium
- 1175 Tin
- 3035 Uranium
- 1185 Vanadium
- 1190 Zinc

EPA 608

10103603

Organochlorine Pesticides & PCBs by GC/ECD

- 7355 4,4'-DDD
- 7360 4,4'-DDE
- 7365 4,4'-DDT
- 7025 Aldrin
- 7110 alpha-BHC (alpha-Hexachlorocyclohexane)
- 7240 alpha-Chlordane
- 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.)
- 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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EPA 608	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
	7245	gamma-Chlordane		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		
	8250	Toxaphene (Chlorinated camphene)		
EPA 610 (HPLC)			10297004	Polynuclear Hydrocarbons by HPLC/UV-VIS
	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		
	6270	Fluorene		
	6315	Indeno(1,2,3-cd)pyrene		
5005	Naphthalene			
6615	Phenanthrene			
6665	Pyrene			
EPA 614			10105201	Organophosphorous Pesticides by Liquid/Liquid Extraction and GC/NPD
	7075	Azinphos-methyl (Guthion)		
	7410	Diazinon		
	8625	Disulfoton		
	7770	Malathion		
	7825	Methyl parathion (Parathion, methyl)		
7955	Parathion, ethyl			
EPA 614			10105201	Organophosphorous Pesticides by Liquid/Liquid Extraction and GC/NPD
	7390	Demeton		
	7395	Demeton-o		
7385	Demeton-s			
EPA 624			10107207	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			



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EPA 624	
5165	1,1,2-Trichloroethane
4630	1,1-Dichloroethane
4640	1,1-Dichloroethylene
5180	1,2,3-Trichloropropane
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
4615	1,3-Dichlorobenzene
4620	1,4-Dichlorobenzene
4735	1,4-Dioxane (1,4- Diethyleneoxide)
4410	2-Butanone (Methyl ethyl ketone, MEK)
4500	2-Chloroethyl vinyl ether
4860	2-Hexanone (MBK)
4995	4-Methyl-2-pentanone (MIBK)
4315	Acetone
4325	Acrolein (Propenal)
4340	Acrylonitrile
4375	Benzene
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
4595	Dibromomethane (Methylene bromide)
4625	Dichlorodifluoromethane (Freon-12)
4765	Ethylbenzene
5240	m+p-xylene
4950	Methyl bromide (Bromomethane)
4960	Methyl chloride (Chloromethane)
5000	Methyl tert-butyl ether (MTBE)
4975	Methylene chloride (Dichloromethane)
5005	Naphthalene
4855	n-Hexane
5250	o-Xylene
5100	Styrene
5115	Tetrachloroethylene (Perchloroethylene)



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ORELAP Fields of Accreditation

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4955 Yarrow St.

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Arvada, CO 80002

Issue Date: 1/9/2017 Expiration Date: 1/8/2018

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Non-Potable Water

EPA 624	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 625			10300002	Base/Neutrals and Acids by GC/MS
	6715	1,2,4,5-Tetrachlorobenzene		
	5155	1,2,4-Trichlorobenzene		
	4610	1,2-Dichlorobenzene		
	6221	1,2-Diphenylhydrazine		
	4615	1,3-Dichlorobenzene		
	4620	1,4-Dichlorobenzene		
	4735	1,4-Dioxane (1,4- Diethyleneoxide)		
	4659	2,2-Oxybis(1-chloropropane)		
	6835	2,4,5-Trichlorophenol		
	6840	2,4,6-Trichlorophenol		
	5880	2,4-Diaminotoluene		
	6000	2,4-Dichlorophenol		
	6130	2,4-Dimethylphenol		
	6175	2,4-Dinitrophenol		
	6185	2,4-Dinitrotoluene (2,4-DNT)		
	6183	2,6-Diaminotoluene		
	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)		
	6400	2-Methylphenol (o-Cresol)		
	6490	2-Nitrophenol		
	6412	3 & 4 Methylphenol		
	5945	3,3'-Dichlorobenzidine		
	5660	4-Bromophenyl phenyl ether (BDE-3)		
	5700	4-Chloro-3-methylphenol		
	5825	4-Chlorophenyl phenylether		
	6410	4-Methylphenol (p-Cresol)		
	6500	4-Nitrophenol		
	5500	Acenaphthene		
	5505	Acenaphthylene		



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Non-Potable Water

EPA 625	
5510	Acetophenone
4330	Acrylamide
6700	alpha-Terpineol
5545	Aniline
5555	Anthracene
5562	Azobenzene
5565	Benzal chloride
5595	Benzidine
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
5760	bis(2-Chloroethoxy)methane
5765	bis(2-Chloroethyl) ether
5780	bis(2-Chloroisopropyl) ether
5670	Butyl benzyl phthalate
5680	Carbazole
7210	Carbofuran phenol
5855	Chrysene
6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
5895	Dibenz(a,h) anthracene
6070	Diethyl phthalate
6135	Dimethyl phthalate
5925	Di-n-butyl phthalate
6200	Di-n-octyl phthalate
6265	Fluoranthene
6270	Fluorene
6275	Hexachlorobenzene
4835	Hexachlorobutadiene
6285	Hexachlorocyclopentadiene
4840	Hexachloroethane
6315	Indeno(1,2,3-cd) pyrene
6320	Isophorone
5005	Naphthalene
5875	n-Decane
5015	Nitrobenzene
6530	n-Nitrosodimethylamine
6545	n-Nitrosodi-n-propylamine
6535	n-Nitrosodiphenylamine
6580	n-Octadecane
6590	Pentachlorobenzene