



# OREGON

## Environmental Laboratory Accreditation Program



ACZ Laboratories, Inc.

NELAP Recognized

**CO200002**

2773 Downhill Drive

Steamboat Springs, CO 80487

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	Chemistry
	Radiochemistry	Radiochemistry	Radiochemistry	

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.

Alia D. Servin, Ph.D.  
Oregon State Public Health Laboratory  
ORELAP Program Manager  
7202 NE Evergreen Parkway, Suite 100  
Hillsboro, OR 97124

EFFECTIVE DATE : 02/10/2019

EXPIRATION DATE : 02/9/2020

Certificate No : CO200002 - 010





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## Environmental Laboratory Accreditation Program



### ORELAP Fields of Accreditation

ORELAP ID: CO200002

EPA CODE: CO00028

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MATRIX	Reference	Code	Analyte	Code	Description
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### Biological Tissue

	EPA 6010D 4			10155916	Metals by ICP - AES
		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		
		1125	Potassium		
		1140	Selenium		
		1990	Silica as SiO <sub>2</sub>		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		1165	Thallium		
		1175	Tin		
		1180	Titanium		
		1185	Vanadium		
		1190	Zinc		
	EPA 6020B 2			10156420	Inductively Coupled Plasma-Mass Spectrometry
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1040	Chromium		



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EPA 6020B 2	1050	Cobalt
	1055	Copper
	1075	Lead
	1090	Manganese
	1100	Molybdenum
	1105	Nickel
	1140	Selenium
	1150	Silver
	1165	Thallium
	3035	Uranium
	1185	Vanadium
	1190	Zinc

### Drinking Water

ASTM D6888 04	30033126	Available Cyanide with FIA and Amperometric Detection
1510		Amenable cyanide
EPA 180.1	10011402	Turbidity - Nephelometric
2055		Turbidity
EPA 200.7 5	10014003	ICP - metals
1000		Aluminum
1035		Calcium
1070		Iron
1085		Magnesium
1090		Manganese
1990		Silica as SiO2
1155		Sodium
1160		Strontium
1190		Zinc
EPA 200.8 5.5	10014809	Metals by ICP-MS
1005		Antimony
1010		Arsenic
1015		Barium
1020		Beryllium
1030		Cadmium
1040		Chromium
1055		Copper
1075		Lead
1105		Nickel
1140		Selenium
1150		Silver
1165		Thallium
3035		Uranium



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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		
	2000	Sulfate		
EPA 335.4 EPA 335.4			10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
	1635	Cyanide		
EPA 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
	1810	Nitrate as N		
	1820	Nitrate-nitrite		
	1840	Nitrite as N		
EPA 900			10112400	Gross Alpha and Gross Beta Radioactivity
	2830	Gross-alpha		
	2840	Gross-beta		
EPA 903.0 (GPC)			10244005	Alpha-Emitting Isotopes
	2965	Radium-226		
EPA 903.1 EPA 903.1			10113403	Radium-226 Radon Emanation Technique
	2965	Radium-226		
EPA 904			10113607	Radium-228
	2970	Radium-228		
SM 2320 B-2011 online			20045618	Alkalinity as CaCO3
	1505	Alkalinity as CaCO3		
SM 2320 B-97 SM 2320 B-97			20045607	Alkalinity by Titration Method
	1505	Alkalinity as CaCO3		
SM 2340 B-97 SM 2340 B-97			20046600	Hardness by calculation
	1755	Total hardness as CaCO3		
SM 2340 C-2011 22nd Ed			20047614	Hardness by EDTA Titration
	1550	Calcium hardness as CaCO3		
SM 2510 B-2011			20048617	Conductivity by Probe
	1610	Conductivity		
SM 2510 B-97 SM 2510 B-97			20048606	Conductivity by Probe
	1610	Conductivity		



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<b>Drinking Water</b>	SM 2540 C-2011 SM 2540 C-2011	1955	Residue-filterable (TDS)	20050413	Residue-filterable (TDS)
	SM 2540 C-97 SM 2540 C-97	1955	Residue-filterable (TDS)	20050402	Total Dissolved Solids Dried at 180C
	SM 4500-F <sup>-</sup> C-2011 online	1730	Fluoride	20102414	Fluoride by Ion Selective Electrode
	SM 4500-F <sup>-</sup> C-97 online	1730	Fluoride	20102403	Fluoride by Ion-Selective Electrode Method
	SM 4500-H <sup>+</sup> B-2011 SM 4500-H <sup>+</sup> B-2011	1900	pH	20105220	pH - Electrometric Measurement
	SM 4500-H <sup>+</sup> B-96 online	1900	pH	20105208	pH Value by Electrometric Method .
	SM 5310 B-2011 2011	2040	Total organic carbon	20137820	TOC by High-Temperature Combustion Method
	SM 5310 B-96 online	2040	Total organic carbon	20137808	TOC by High-Temperature Combustion Method
	<b>Non-Potable Water</b>	ASTM D516-02 2002	2000	Sulfate	30002212
ASTM D516-07 ASTM D516-07		2000	Sulfate	30002234	Sulfate Ion in Water
ASTM D6888 04		1510	Amenable cyanide	30033126	Available Cyanide with FIA and Amperometric Detection
ASTM D6888 09		1510	Amenable cyanide	30033148	Cyanide Amenable to Chlorination
ASTM D7065-06		6513	4-Nonylphenol	30032918	Nonylphenol by GC/MS
		9466	4-Nonylphenol diethoxylate		
		9592	Nonyl phenol monoethoxylate		
ASTM D7511-09		1645	Total cyanide	30032985	Total Cyanide by Segmented Flow Injection: In-line UV Digestion & Ampermetric Detection
EPA 00-02		2830	Gross-alpha	10249806	Gross Alpha in Drinking Water by Coprecipitation



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EPA 1010A	10234807	Pensky-Martens Closed-Cup Method for Determining Ignitability
1780 Ignitability		
EPA 1311	10118806	Toxicity Characteristic Leaching Procedure
9822 Extraction/Preparation		
EPA 1312	10119003	Synthetic Precipitation Leaching Procedure
9822 Extraction/Preparation		
EPA 160.4 EPA 160.4	10010409	Total Volatile Solids, ignition @ 550 C.
1970 Residue-volatile		
EPA 1631E	10237204	Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence
1095 Mercury		
EPA 1664A (HEM)	10127807	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
1860 Oil & Grease		
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 2	10011800	Turbidity - Nephelometric
2055 Turbidity		
EPA 200.7 5	10014003	ICP - metals
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		



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EPA 200.7 5	1140	Selenium		
	1990	Silica as SiO <sub>2</sub>		
	1150	Silver		
	1155	Sodium		
	1160	Strontium		
	1175	Tin		
	1180	Titanium		
	1185	Vanadium		
	1190	Zinc		
EPA 200.8 5.5			10014809	Metals by ICP-MS
	1000	Aluminum		
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1075	Lead		
	1090	Manganese		
	1095	Mercury		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1170	Thorium		
	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		
	2000	Sulfate		
EPA 3005A			10133207	Acid Digestion of waters for Total Recoverable or Dissolved Metals
	9822	Extraction/Preparation		



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EPA 3010A		10133605	Acid Digestion of Aqueous samples and Extracts for Total Metals
	9822 Extraction/Preparation		
EPA 335.4 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
	1790 Kjeldahl nitrogen		
EPA 3510C		10138202	Separatory Funnel Liquid-liquid extraction
	9822 Extraction/Preparation		
EPA 3511		10279808	Organic Compounds in Water by Microextraction
	8031 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		
	1840 Nitrite as N		
EPA 3630C		10146802	Silica gel cleanup
	8031 Extraction/Preparation		
EPA 365.1 2		10070005	Phosphorous - Colorimetric, Automated persulfate
	1870 Orthophosphate as P		
	1910 Phosphorus, total		
EPA 410.4 2		10077404	Chemical Oxygen Demand - Colorimetric, Automated.
	1565 Chemical oxygen demand		
EPA 420.4 EPA 420.4		10080203	Phenolics, Total Recoverable by Semi-Automated Colorimetry
	1905 Total phenolics		
EPA 5030C		10284603	Purge-and-Trap for Aqueous Samples
	8031 Extraction/Preparation		
EPA 6010D 4		10155916	Metals by ICP - AES
	1000 Aluminum		
	1005 Antimony		
	1010 Arsenic		
	1015 Barium		





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EPA 6010D 4	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
	1125	Potassium
	1140	Selenium
	1990	Silica as SiO2
	1150	Silver
	1155	Sodium
	1160	Strontium
	1165	Thallium
	1175	Tin
	1180	Titanium
	1185	Vanadium
	1190	Zinc

EPA 6020B 2

10156420

Inductively Coupled Plasma-Mass Spectrometry

1000	Aluminum
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



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EPA 6020B 2	3035	Uranium		
	1185	Vanadium		
	1190	Zinc		
EPA 608.3 GC-ECD			10296614	Organochlorine Pesticides and PCBs by GC/ECD
	7355	4,4'-DDD		
	7360	4,4'-DDE		
	7365	4,4'-DDT		
	7025	Aldrin		
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
	8880	Aroclor-1016 (PCB-1016)		
	8885	Aroclor-1221 (PCB-1221)		
	8890	Aroclor-1232 (PCB-1232)		
	8895	Aroclor-1242 (PCB-1242)		
	8900	Aroclor-1248 (PCB-1248)		
	8905	Aroclor-1254 (PCB-1254)		
	8910	Aroclor-1260 (PCB-1260)		
	7115	beta-BHC (beta-Hexachlorocyclohexane)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		
	7510	Endosulfan I		
	7515	Endosulfan II		
	7520	Endosulfan sulfate		
	7540	Endrin		
	7530	Endrin aldehyde		
	7535	Endrin ketone		
	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		
	7245	trans-chlordane (gamma-Chlordane)		
EPA 624.1			10298121	Purgeables by GC/MS
	5105	1,1,1,2-Tetrachloroethane		
	5160	1,1,1-Trichloroethane		
	5110	1,1,2,2-Tetrachloroethane		
	5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
	5165	1,1,2-Trichloroethane		
	4630	1,1-Dichloroethane		
	4640	1,1-Dichloroethylene		
	4670	1,1-Dichloropropene		



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<b>Non-Potable Water</b>	EPA 624.1	5150	1,2,3-Trichlorobenzene
		5180	1,2,3-Trichloropropane
		5182	1,2,3-Trimethylbenzene
		5155	1,2,4-Trichlorobenzene
		5210	1,2,4-Trimethylbenzene
		4570	1,2-Dibromo-3-chloropropane (DBCP)
		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)
		4510	1-Chlorohexane
		4665	2,2-Dichloropropane
		4410	2-Butanone (Methyl ethyl ketone, MEK)
		4500	2-Chloroethyl vinyl ether
		4535	2-Chlorotoluene
		4860	2-Hexanone (MBK)
		5712	4-Chloro-2-nitrophenol
		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
		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	



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	4595	Dibromomethane (Methylene bromide)
	4625	Dichlorodifluoromethane (Freon-12)
	4627	Dichlorofluoromethane (Freon 21)
	4725	Diethyl ether
	9375	Di-isopropylether (DIPE)
	4755	Ethyl acetate
	4765	Ethylbenzene
	4835	Hexachlorobutadiene
	4870	Iodomethane (Methyl iodide)
	4900	Isopropylbenzene (Cumene)
	5240	m+p-xylene
	4950	Methyl bromide (Bromomethane)
	4960	Methyl chloride (Chloromethane)
	5000	Methyl tert-butyl ether (MTBE)
	4975	Methylene chloride (Dichloromethane)
	5245	m-Xylene
	5005	Naphthalene
	4435	n-Butylbenzene
	4855	n-Hexane
	5090	n-Propylbenzene
	5250	o-Xylene
	5255	p-Xylene
	4440	sec-Butylbenzene
	5100	Styrene
	4445	tert-Butylbenzene
	5115	Tetrachloroethylene (Perchloroethylene)
	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 625.1

10300024

Base/Neutrals and Acids by GC/MS

5155	1,2,4-Trichlorobenzene
4610	1,2-Dichlorobenzene
4615	1,3-Dichlorobenzene
4620	1,4-Dichlorobenzene
4735	1,4-Dioxane (1,4- Diethyleneoxide)



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EPA 625.1

- |      |   |
|------|---|
| 6380 | 1-Methylnaphthalene                                     |
| 4659 | 2,2-Oxybis(1-chloropropane)                             |
| 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)                            |
| 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                                  |
| 6405 | 3-Methylphenol (m-Cresol)                               |
| 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  |
| 6700 | alpha-Terpineol   |
| 5545 | Aniline   |
| 5555 | Anthracene  |
| 5562 | Azobenzene  |
| 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                                |



# OREGON

## Environmental Laboratory Accreditation Program



### ORELAP Fields of Accreditation

ORELAP ID: CO200002

EPA CODE: CO00028

Certificate: CO200002 - 010

ACZ Laboratories, Inc.

2773 Downhill Drive

Steamboat Springs, CO 80487

Issue Date: 2/10/2019 Expiration Date: 2/9/2020

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### Non-Potable Water

EPA 625.1	6062	bis(2-Ethylhexyl)adipate		
	5670	Butyl benzyl phthalate		
	5680	Carbazole		
	5855	Chrysene		
	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		
	5025	n-Nitroso-di-n-butylamine		
	6545	n-Nitrosodi-n-propylamine		
	6535	n-Nitrosodiphenylamine		
	6605	Pentachlorophenol		
	6615	Phenanthrene		
	6625	Phenol		
	6665	Pyrene		
	5095	Pyridine		
EPA 7196A			10162400	Chromium Hexavalent colorimetric
	1045	Chromium VI		
EPA 7470A			10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
	1095	Mercury		
EPA 8015D			10305609	Nonhalogenated Organics Using GC/FID
	9369	Diesel range organics (DRO)		
	9408	Gasoline range organics (GRO)		
EPA 8021B			10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
	4375	Benzene		
	4765	Ethylbenzene		
	5240	m+p-xylene		
	5245	m-Xylene		



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EPA 8021B	5250	o-Xylene		
	5255	p-Xylene		
	5140	Toluene		
	5260	Xylene (total)		
EPA 8081B			10178800	Organochlorine Pesticides by GC/ECD
	7355	4,4'-DDD		
	7360	4,4'-DDE		
	7365	4,4'-DDT		
	7025	Aldrin		
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
	7115	beta-BHC (beta-Hexachlorocyclohexane)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		
	7510	Endosulfan I		
	7515	Endosulfan II		
	7520	Endosulfan sulfate		
	7540	Endrin		
	7530	Endrin aldehyde		
	7535	Endrin ketone		
	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		
	7245	trans-chlordane (gamma-Chlordane)		
EPA 8082A			10179201	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 8260C			10307003	Volatile Organics: GC/MS (capillary column)
	5105	1,1,1,2-Tetrachloroethane		
	5160	1,1,1-Trichloroethane		
	5110	1,1,2,2-Tetrachloroethane		
	5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
	5165	1,1,2-Trichloroethane		



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<b>Non-Potable Water</b>	EPA 8260C	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)
		4510	1-Chlorohexane
		4665	2,2-Dichloropropane
		4410	2-Butanone (Methyl ethyl ketone, MEK)
		4500	2-Chloroethyl vinyl ether
		4535	2-Chlorotoluene
		4860	2-Hexanone (MBK)
		4540	4-Chlorotoluene
		4910	4-Isopropyltoluene (p-Cymene)
		4995	4-Methyl-2-pentanone (MIBK)
		4315	Acetone
	4320	Acetonitrile	
	4325	Acrolein (Propenal)	
	4340	Acrylonitrile	
	4375	Benzene	
	4385	Bromobenzene	
	4390	Bromochloromethane	
	4395	Bromodichloromethane	
	4400	Bromoform	
	4450	Carbon disulfide	
	4455	Carbon tetrachloride	
	4475	Chlorobenzene	
	4575	Chlorodibromomethane	
	4485	Chloroethane (Ethyl chloride)	
	4505	Chloroform	
	4645	cis-1,2-Dichloroethylene	
	4680	cis-1,3-Dichloropropene	





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### Non-Potable Water

EPA 8260C	4595	Dibromomethane (Methylene bromide)
	4625	Dichlorodifluoromethane (Freon-12)
	4765	Ethylbenzene
	4835	Hexachlorobutadiene
	4870	Iodomethane (Methyl iodide)
	4900	Isopropylbenzene (Cumene)
	4950	Methyl bromide (Bromomethane)
	4960	Methyl chloride (Chloromethane)
	5000	Methyl tert-butyl ether (MTBE)
	4975	Methylene chloride (Dichloromethane)
	5245	m-Xylene
	5005	Naphthalene
	4435	n-Butylbenzene
	4855	n-Hexane
	5090	n-Propylbenzene
	5250	o-Xylene
	5255	p-Xylene
	4440	sec-Butylbenzene
	5100	Styrene
	4445	tert-Butylbenzene
	5115	Tetrachloroethylene (Perchloroethylene)
	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 8270D

10186035

Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

5155	1,2,4-Trichlorobenzene
4610	1,2-Dichlorobenzene
4615	1,3-Dichlorobenzene
4620	1,4-Dichlorobenzene
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)



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### Non-Potable Water

EPA 8270D	6190	2,6-Dinitrotoluene (2,6-DNT)
	5795	2-Chloronaphthalene
	5800	2-Chlorophenol
	6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
	6385	2-Methylnaphthalene
	6400	2-Methylphenol (o-Cresol)
	6460	2-Nitroaniline
	6490	2-Nitrophenol
	6412	3 & 4 Methylphenol
	5945	3,3'-Dichlorobenzidine
	6465	3-Nitroaniline
	5660	4-Bromophenyl phenyl ether (BDE-3)
	5700	4-Chloro-3-methylphenol
	5745	4-Chloroaniline
	5825	4-Chlorophenyl phenylether
	6410	4-Methylphenol (p-Cresol)
	6470	4-Nitroaniline
	6500	4-Nitrophenol
	5500	Acenaphthene
	5505	Acenaphthylene
	5555	Anthracene
	5562	Azobenzene
	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
	5855	Chrysene
	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



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### Non-Potable Water

EPA 8270D	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		
EPA 900			10112400	Gross Alpha and Gross Beta Radioactivity
	2830	Gross-alpha		
	2840	Gross-beta		
EPA 901.1			10112808	Gamma Emitting Radionuclides
	2800	Cesium-134		
	2805	Cesium-137		
EPA 9012B			10243206	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
	1645	Total cyanide		
EPA 903.0 (GPC)			10244005	Alpha-Emitting Isotopes
	2965	Radium-226		
EPA 903.1 EPA 903.1			10113403	Radium-226 Radon Emanation Technique
	2965	Radium-226		
EPA 904.0			10309805	Radium-228
	2970	Radium-228		
EPA 9040C			10244403	pH Electrometric Measurement
	1900	pH		
EPA 9070A			10245008	Total Recoverable Oil & Grease (Gravimetric, Separatory Funnel Extraction)
	1860	Oil & Grease		
EPA 9310			10208205	Gross Alpha and Gross Beta by the evaporative technique
	2830	Gross-alpha		
	2840	Gross-beta		



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<b>Non-Potable Water</b>	EPA 9315		10208409	Gross Alpha by the co-precipitation technique
		2975 Total radium		
	EPA 9320		10208603	Radium-228
		2970 Radium-228		
	OIA 1677		60031405	Available Cyanide by FIA, Ligand Exchange and Amperometry
		1523 Available Cyanide		
	SM 2310 B-97 online		20044604	Acidity by Titration Method
		1500 Acidity, as CaCO <sub>3</sub>		
	SM 2320 B-2011 SM 2320 B-2011		20045618	Alkalinity as CaCO <sub>3</sub>
		1505 Alkalinity as CaCO <sub>3</sub>		
	SM 2320 B-97 SM 2320 B-97		20045607	Alkalinity by Titration Method
		1505 Alkalinity as CaCO <sub>3</sub>		
	SM 2340 B-2011 SM 2340 B-2011		20046611	Hardness
		1750 Hardness		
	SM 2340 B-97 SM 2340 B-97		20046600	Hardness by calculation
		1755 Total hardness as CaCO <sub>3</sub>		
	SM 2510 B-97 SM 2510 B-97		20048606	Conductivity by Probe
		1610 Conductivity		
	SM 2540 B-2011 2011		20049416	Total Solids Dried at 103 - 105C
		1950 Residue-total		
SM 2540 B-97 SM 2540 B-97		20049405	Total Solids Dried at 103 - 105C	
	1950 Residue-total			
SM 2540 C-2011 SM 2540 C-2011		20050413	Residue-filterable (TDS)	
	1955 Residue-filterable (TDS)			
SM 2540 C-97 SM 2540 C-97		20050402	Total Dissolved Solids Dried at 180C	
	1955 Residue-filterable (TDS)			
SM 2540 D-2011		20051212	Total Suspended Solids Dried at 103 - 105 C	
	1960 Residue-nonfilterable (TSS)			
SM 2540 D-97 SM 2540 D-97		20051201	Total Suspended Solids Dried at 103 - 105C	
	1960 Residue-nonfilterable (TSS)			
SM 2540 F-97 online		20052204	Settleable Solids	
	1965 Residue-settleable			
SM 3500-Cr B-2009 online		20066255	Chromium by Colorimetric Method	
	1045 Chromium VI			



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<b>Non-Potable Water</b>	SM 3500-Fe B-97 online	1070	Iron	20069005	Iron by Phenanthroline Method
	SM 4500-Cl <sup>-</sup> E-97 online	1575	Chloride	20086800	Chloride by Automated Ferricyanide Method
	SM 4500-CN C-1999	1635	Cyanide	20095652	Cyanide (Total) after Distillation
	SM 4500-CN E-1999	1635	Cyanide	20096417	Cyanide by Colorimetric Method
		1645	Total cyanide		
	SM 4500-CN E-2011 2011	1635	Cyanide	20096428	Cyanide by Colormetric Method
		1645	Total cyanide		
	SM 4500-CN <sup>-</sup> I 21st ED	1635	Cyanide	20097807	Cyanide by Weak Acid Dissociable Cyanide
	SM 4500-F <sup>-</sup> C-97 online	1730	Fluoride	20102403	Fluoride by Ion-Selective Electrode Method
	SM 4500-H <sup>+</sup> B-2000 online	1900	pH	20105219	pH Value by Electrometric Method .
	SM 4500-H <sup>+</sup> B-2011 SM 4500-H <sup>+</sup> B-2011	1900	pH	20105220	pH - Electrometric Measurement
	SM 4500-S <sub>2</sub> D-2000	2005	Sulfide	20125853	Sulfide by Methylene Blue Method
	SM 4500-SO <sub>4</sub> <sup>-</sup> D 20th ED	2000	Sulfate	20131800	Sulfate Gravimetric Method with Drying of Residue
	SM 5210 B-2001 online	1530	Biochemical oxygen demand	20135255	Biochemical Oxygen Demand (BOD), 5-Day
		1555	Carbonaceous BOD, CBOD		
	SM 5210 B-2011 SM 5210 B-2011	1530	Biochemical oxygen demand	20135266	Biochemical Oxygen Demand (5 days @ 20 C).
		1555	Carbonaceous BOD, CBOD		
	SM 5310 B-2000	2040	Total organic carbon	20137819	Total Organic Carbon (TOC) by Combustion Infra-red Method
	SM 5310 B-2011 2011	2040	Total organic carbon	20137820	TOC by High-Temperature Combustion Method



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<b>Non-Potable Water</b>	SM 5310 B-96 online	20137808	TOC by High-Temperature Combustion Method
	2040 Total organic carbon		
	SM 7500-RN B 22nd Ed	20173711	Radon by Liquid Scintillation Method
	2985 Radon		
<b>Solids</b>	EPA 1010A	10234807	Pensky-Martens Closed-Cup Method for Determining Ignitability
	1780 Ignitability		
	EPA 1311	10118806	Toxicity Characteristic Leaching Procedure
	9822 Extraction/Preparation		
	EPA 1312	10119003	Synthetic Precipitation Leaching Procedure
	9822 Extraction/Preparation		
	EPA 3050B	10135601	Acid Digestion of Sediments, Sludges, and soils
	9822 Extraction/Preparation		
	EPA 3051A	10136002	Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils
	9822 Extraction/Preparation		
	EPA 3052	10136206	Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices
	9822 Extraction/Preparation		
	EPA 3060A	10136604	Alkaline Digestion for Hexavalent Chromium
	9822 Extraction/Preparation		
	EPA 3540C	10140202	Soxhlet Extraction
	9822 Extraction/Preparation		
	EPA 3546	10141205	Microwave Extraction
8031 Extraction/Preparation			
EPA 3550C	10142004	Ultrasonic Extraction	
9822 Extraction/Preparation			
EPA 3580A	10143007	Waste Dilution	
9822 Extraction/Preparation			
EPA 3630C	10146802	Silica gel cleanup	
8031 Extraction/Preparation			
EPA 5035	10154004	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples	
8031 Extraction/Preparation			
EPA 6010D 4	10155916	Metals by ICP - AES	
1000 Aluminum			



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### Solids

EPA 6010D 4	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
	1125	Potassium
	1140	Selenium
	1990	Silica as SiO2
	1150	Silver
	1155	Sodium
	1160	Strontium
	1165	Thallium
	1175	Tin
	1180	Titanium
	1185	Vanadium
	1190	Zinc

EPA 6020B 2

10156420

Inductively Coupled Plasma-Mass Spectrometry

1000	Aluminum
1005	Antimony
1010	Arsenic
1015	Barium
1020	Beryllium
1030	Cadmium
1040	Chromium
1050	Cobalt
1055	Copper
1075	Lead
1090	Manganese
1100	Molybdenum
1105	Nickel



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Method	Parameter	Method	Method
Solids EPA 6020B 2	1140	Selenium	
	1150	Silver	
	1165	Thallium	
	3035	Uranium	
	1185	Vanadium	
	1190	Zinc	
EPA 7196A			10162400 Chromium Hexavalent colorimetric
	1045	Chromium VI	
EPA 7471A			10166208 Mercury in Solid Waste by Cold Vapor Atomic Absorption
	1095	Mercury	
EPA 7473			10166800 Mercury in Solids/solutions by Cold Vapor Atomic Absorption
	1095	Mercury	
EPA 8015D			10305609 Nonhalogenated Organics Using GC/FID
	9369	Diesel range organics (DRO)	
	9408	Gasoline range organics (GRO)	
EPA 8021B			10174808 Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
	4375	Benzene	
	4765	Ethylbenzene	
	5245	m-Xylene	
	5250	o-Xylene	
	5255	p-Xylene	
	5140	Toluene	
	5260	Xylene (total)	
EPA 8081B			10178800 Organochlorine Pesticides by GC/ECD
	7355	4,4'-DDD	
	7360	4,4'-DDE	
	7365	4,4'-DDT	
	7025	Aldrin	
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)	
	7115	beta-BHC (beta-Hexachlorocyclohexane)	
	7240	cis-chlordane (alpha-Chlordane)	
	7105	delta-BHC	
	7470	Dieldrin	
	7510	Endosulfan I	
	7515	Endosulfan II	
	7520	Endosulfan sulfate	
	7540	Endrin	
	7530	Endrin aldehyde	





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Steamboat Springs, CO 80487

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Field	EPA Code	Method	Parameter
<b>Solids</b>	EPA 8081B	7535	Endrin ketone
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)
		7685	Heptachlor
		7690	Heptachlor epoxide
		7810	Methoxychlor
		7245	trans-chlordane (gamma-Chlordane)
		EPA 8082A	10179201
		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 8260C	10307003	Volatile Organics: GC/MS (capillary column)	
		5105	1,1,1,2-Tetrachloroethane
		5160	1,1,1-Trichloroethane
		5110	1,1,2,2-Tetrachloroethane
		5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
		5165	1,1,2-Trichloroethane
		4630	1,1-Dichloroethane
		4640	1,1-Dichloroethylene
		4670	1,1-Dichloropropene
		5150	1,2,3-Trichlorobenzene
		5180	1,2,3-Trichloropropane
		5155	1,2,4-Trichlorobenzene
		5210	1,2,4-Trimethylbenzene
		4570	1,2-Dibromo-3-chloropropane (DBCP)
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)
		4610	1,2-Dichlorobenzene
		4635	1,2-Dichloroethane (Ethylene dichloride)
		4655	1,2-Dichloropropane
		5215	1,3,5-Trimethylbenzene
		4615	1,3-Dichlorobenzene
		4660	1,3-Dichloropropane
		4620	1,4-Dichlorobenzene
		4735	1,4-Dioxane (1,4-Diethyleneoxide)
		4510	1-Chlorohexane
		4665	2,2-Dichloropropane
		4410	2-Butanone (Methyl ethyl ketone, MEK)



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<b>Solids</b>	EPA 8260C		
		4500	2-Chloroethyl vinyl ether
		4535	2-Chlorotoluene
		4860	2-Hexanone (MBK)
		4540	4-Chlorotoluene
		4910	4-Isopropyltoluene (p-Cymene)
		4995	4-Methyl-2-pentanone (MIBK)
		4315	Acetone
		4320	Acetonitrile
		4325	Acrolein (Propenal)
		4340	Acrylonitrile
		4375	Benzene
		4385	Bromobenzene
		4390	Bromochloromethane
		4395	Bromodichloromethane
		4400	Bromoform
		4450	Carbon disulfide
		4455	Carbon tetrachloride
		4475	Chlorobenzene
		4575	Chlorodibromomethane
		4485	Chloroethane (Ethyl chloride)
		4505	Chloroform
		4645	cis-1,2-Dichloroethylene
		4680	cis-1,3-Dichloropropene
		4595	Dibromomethane (Methylene bromide)
		4625	Dichlorodifluoromethane (Freon-12)
		4765	Ethylbenzene
		4835	Hexachlorobutadiene
		4870	Iodomethane (Methyl iodide)
		4900	Isopropylbenzene (Cumene)
		4950	Methyl bromide (Bromomethane)
		4960	Methyl chloride (Chloromethane)
		5000	Methyl tert-butyl ether (MTBE)
		4975	Methylene chloride (Dichloromethane)
		5245	m-Xylene
		5005	Naphthalene
		4435	n-Butylbenzene
		4855	n-Hexane
		5090	n-Propylbenzene
		5250	o-Xylene
		5255	p-Xylene
		4440	sec-Butylbenzene
		5100	Styrene
		4445	tert-Butylbenzene



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Field	Method	Parameter	Method	Parameter
Solids	EPA 8260C	5115	Tetrachloroethylene (Perchloroethylene)	
		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 8270D		10186035	Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
		5155	1,2,4-Trichlorobenzene	
		4610	1,2-Dichlorobenzene	
		4615	1,3-Dichlorobenzene	
		4620	1,4-Dichlorobenzene	
		6835	2,4,5-Trichlorophenol	
		6840	2,4,6-Trichlorophenol	
		6000	2,4-Dichlorophenol	
		6130	2,4-Dimethylphenol	
		6175	2,4-Dinitrophenol	
		6185	2,4-Dinitrotoluene (2,4-DNT)	
		6190	2,6-Dinitrotoluene (2,6-DNT)	
		5795	2-Chloronaphthalene	
		5800	2-Chlorophenol	
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	
		6385	2-Methylnaphthalene	
		6400	2-Methylphenol (o-Cresol)	
		6460	2-Nitroaniline	
		6490	2-Nitrophenol	
		6412	3 & 4 Methylphenol	
		5945	3,3'-Dichlorobenzidine	
		6465	3-Nitroaniline	
		5660	4-Bromophenyl phenyl ether (BDE-3)	
		5700	4-Chloro-3-methylphenol	
		5745	4-Chloroaniline	
		5825	4-Chlorophenyl phenylether	
		6410	4-Methylphenol (p-Cresol)	
		6470	4-Nitroaniline	
		6500	4-Nitrophenol	
		5500	Acenaphthene	
		5505	Acenaphthylene	



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<b>Solids</b>	EPA 8270D	5555	Anthracene		
		5562	Azobenzene		
		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		
		5855	Chrysene		
		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			
	EPA 9012B			10243206	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
		1645	Total cyanide		
	EPA 903.1			10113403	Radium-226 Radon Emanation Technique
		2965	Radium-226		



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<b>Solids</b>			
EPA 9045D			10244607 Soil and Waste pH
	1900	pH	
EPA 9071B			10201602 Oil and Grease Extraction Method for sludge and sediment samples
	1860	Oil & Grease	
EPA 9310			10208205 Gross Alpha and Gross Beta by the evaporative technique
	2830	Gross-alpha	
	2840	Gross-beta	
EPA 9315			10208409 Gross Alpha by the co-precipitation technique
	2975	Total radium	
EPA 9320			10208603 Radium-228
	2970	Radium-228	
SM 4500-CN C-1999			20095652 Cyanide (Total) after Distillation
	1635	Cyanide	
SM 4500-CN E-1999			20096417 Cyanide by Colorimetric Method
	1645	Total cyanide	
SM 4500-CN I 21st ED			20097807 Cyanide by Weak Acid Dissociable Cyanide
	1635	Cyanide	