



OREGON

Environmental Laboratory Accreditation Program



State Hygienic Laboratory at The Univ.
of Iowa - Coralville

NELAP Recognized

4014

2490 Crosspark Rd.
Coralville, IA 52241-4721

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	
	Microbiology	Microbiology		
	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 : 01/25/2019

EXPIRATION DATE : 01/24/2020

Certificate No : 4014 - 008





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ORELAP Fields of Accreditation

ORELAP ID: 4014

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MATRIX	Reference	Code	Analyte	Code	Description
Drinking Water	EPA 00- 02			10000803	Gross Alpha in Drinking Water by Coprecipitation
		2830	Gross-alpha		
	EPA 1603 (mTEC mod)			10236201	Membrane Filtration Quantitative (modified mTEC): E. coli
		2525	Escherichia coli		
	EPA 1623.1			10236621	Cryptosporidium and Giardia in Water by Filtration/IMS/FA
		2510	Cryptosporidia		
		2545	Giardia		
	EPA 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
		1810	Nitrate as N		
		1840	Nitrite as N		
		1825	Total nitrate+nitrite		
	EPA 508 3.1			10085208	Chlorinated Pesticides in Water by GC/ECD
		7355	4,4'-DDD		
		7360	4,4'-DDE		
		7365	4,4'-DDT		
		7025	Aldrin		
		8880	Aroclor-1016 (PCB-1016)		
		8885	Aroclor-1221 (PCB-1221)		
		8890	Aroclor-1232 (PCB-1232)		
		8895	Aroclor-1242 (PCB-1242)		
		8900	Aroclor-1248 (PCB-1248)		
		8905	Aroclor-1254 (PCB-1254)		
		8910	Aroclor-1260 (PCB-1260)		
		7250	Chlordane (tech.)		
		7470	Dieldrin		
		7540	Endrin		
		7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
	7685	Heptachlor			
	7690	Heptachlor epoxide			
	6275	Hexachlorobenzene			
	6285	Hexachlorocyclopentadiene			
	7810	Methoxychlor			
	8045	Propachlor (Ramrod)			
	8250	Toxaphene (Chlorinated camphene)			



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Drinking Water

EPA 508A	10286007	PCB Screening by Perchlorination and GC/ECD
9105 Decachlorobiphenyl (BZ-209)		
EPA 515.3 1	10088401	Chlorinated acids Liquid/Solid and GC/ECD
8545 2,4-D		
8560 2,4-DB		
8505 Acifluorfen		
8530 Bentazon		
8555 Dalapon		
8595 Dicamba		
8620 Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)		
6605 Pentachlorophenol		
8645 Picloram		
8650 Silvex (2,4,5-TP)		
EPA 524.2	10088605	Volatile Organic Compounds GC/MS Capillary Column
5105 1,1,1,2-Tetrachloroethane		
5185 1,1,1-Trichloro-2,2,2-trifluoroethane		
5160 1,1,1-Trichloroethane		
5110 1,1,2,2-Tetrachloroethane		
5165 1,1,2-Trichloroethane		
4630 1,1-Dichloroethane		
4640 1,1-Dichloroethylene		
4670 1,1-Dichloropropene		
5150 1,2,3-Trichlorobenzene		
5180 1,2,3-Trichloropropane		
5155 1,2,4-Trichlorobenzene		
5210 1,2,4-Trimethylbenzene		
4610 1,2-Dichlorobenzene		
4635 1,2-Dichloroethane (Ethylene dichloride)		
4655 1,2-Dichloropropane		
5215 1,3,5-Trimethylbenzene		
4615 1,3-Dichlorobenzene		
4660 1,3-Dichloropropane		
4620 1,4-Dichlorobenzene		
4665 2,2-Dichloropropane		
4535 2-Chlorotoluene		
4540 4-Chlorotoluene		
4910 4-Isopropyltoluene (p-Cymene)		
4375 Benzene		
4385 Bromobenzene		
4390 Bromochloromethane		
4395 Bromodichloromethane		



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Drinking Water

EPA 524.2

- 4397 Bromoethane (Ethyl Bromide)
- 4400 Bromoform
- 4455 Carbon tetrachloride
- 4475 Chlorobenzene
- 4575 Chlorodibromomethane
- 4485 Chloroethane (Ethyl chloride)
- 4505 Chloroform
- 4645 cis-1,2-Dichloroethylene
- 4680 cis-1,3-Dichloropropene
- 4595 Dibromomethane (Methylene bromide)
- 4625 Dichlorodifluoromethane (Freon-12)
- 4765 Ethylbenzene
- 4835 Hexachlorobutadiene
- 4840 Hexachloroethane
- 4900 Isopropylbenzene (Cumene)
- 4950 Methyl bromide (Bromomethane)
- 4960 Methyl chloride (Chloromethane)
- 5000 Methyl tert-butyl ether (MTBE)
- 4975 Methylene chloride (Dichloromethane)
- 5005 Naphthalene
- 4435 n-Butylbenzene
- 5090 n-Propylbenzene
- 4440 sec-Butylbenzene
- 5100 Styrene
- 4445 tert-Butylbenzene
- 5115 Tetrachloroethylene (Perchloroethylene)
- 5140 Toluene
- 5205 Total trihalomethanes
- 4700 trans-1,2-Dichloroethylene
- 4685 trans-1,3-Dichloropropylene
- 5170 Trichloroethene (Trichloroethylene)
- 5175 Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
- 5235 Vinyl chloride
- 5260 Xylene (total)

EPA 525.2 2

10090003

Semi-Volatile by SPE extraction and GC/MS

- 7005 Alachlor
- 7065 Atrazine
- 5580 Benzo(a)pyrene
- 6062 bis(2-Ethylhexyl)adipate
- 7160 Butachlor
- 7340 Cyanazine



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EPA 525.2 2	6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)		
	7835	Metolachlor		
	7845	Metribuzin		
	8045	Propachlor (Ramrod)		
	8125	Simazine		
EPA 547			10092009	Glyphosate by Direct Aqueous Injection by Post-column Derivitization and HPLC/Fluorescence
	9411	Glyphosate		
EPA 549.2 1			10093400	Diquat/Paraquat by Liquid/Liquid Extraction and HPLC/UV-VIS
	9390	Diquat		
EPA 552.2 1			10095804	Haloacetic Acid/Dalapon, Liquid/Liquid Extraction, Derivitization and GC/ECD
	9312	Bromoacetic acid		
	9315	Bromochloroacetic acid		
	9336	Chloroacetic acid		
	9357	Dibromoacetic acid		
	9360	Dichloroacetic acid		
	9414	Total haloacetic acids		
	9642	Trichloroacetic acid		
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		
	2826	gamma emmitters		
	2855	Gross gamma		
	2875	Iodine-131		
EPA 903.0 (GPC)			10244005	Alpha-Emitting Isotopes
	2965	Radium-226		
EPA 904.0			10309805	Radium-228
	2967	Radium 226/228		
	2965	Radium-226		
	2970	Radium-228		
EPA 905.0			10310006	Strontium Isotopes by Beta Spectrometry
	2995	Strontium-89		
	3005	Strontium-90		
EPA 906.0			10310200	Tritium
	3030	Tritium		



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OA-1		90013802	Iowa TPH Gx by GC/PID Purge & Trap
	4375 Benzene		
	4765 Ethylbenzene		
	9408 Gasoline range organics (GRO)		
	5000 Methyl tert-butyl ether (MTBE)		
	5140 Toluene		
	5260 Xylene (total)		
OA-2		90014009	Iowa TPH Dx
	9369 Diesel range organics (DRO)		
	9409 Kerosene		
	9410 Mineral Spirits		
	9499 Motor Oil		
SM 4500-H+ B 21st ED		20105004	pH Value by Electrometric Method .
	1900 pH		
SM 4500-NO2 ⁻ B 19th ED		20112407	Nitrite by Colorimetric Determination
	1835 Nitrite		
	1840 Nitrite as N		
SM 4500-P E 19th ED		20123608	Phosphorus by Ascorbic Acid Reduction
	1870 Orthophosphate as P		
SM 5910 B 19th ED		20145806	UV absorbing organic constituents
	2060 UV 254		
SM 7500-RN B 20th Ed		20173700	Radon by Liquid Scintillation
	2985 Radon		
SM 7500-U C- 96 online		20178001	Uranium by Isotopic Method
	3035 Uranium		
SM 9215 B (PCA) 21st ED		20181402	Heterotrophic Plate Count Pour Plate (plate count agar): Heterotrophic Bacteria
	2555 Heterotrophic plate count		
SM 9221 B (LTB) + C MPN 21st ED		20187002	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
	2500 Total coliforms		
SM 9221 E (EC) 21st ED		20227003	Multiple Tube Fermentation Quantitative (EC): Fecal Coliform
	2530 Fecal coliforms		
SM 9221 F (EC MUG) 21st ED		20197404	Multiple Tube Fermentation Qualitative (LTB/EC MUG): Total Coliform and E. Coli
	2525 Escherichia coli		
SM 9223 B (Colilert® Quanti-Tray®) 21st ED		20211409	Chromogenic/Fluorogenic Quantitative (Colilert®): Total Coliform and E. coli
	2525 Escherichia coli		



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Drinking Water

SM 9223 B (Colilert® Quanti-Tray®) 21st ED	2500	Total coliforms		
SM 9223 B (Colilert®) 21st ED	2525	Escherichia coli	20212402	Chromogenic/Fluorogenic Qualitative (Colilert®): Total Coliform and E. coli
	2500	Total coliforms		
SM 9223 B (Colilert®-18 Quanti-Tray®) 21st ED	2525	Escherichia coli	20213405	Chromogenic/Fluorogenic Quantitative (Colilert®-18): Total Coliform and E. coli
	2500	Total coliforms		
SM 9223 B (Colilert®-18) 21st ED	2525	Escherichia coli	20214408	Chromogenic/Fluorogenic Qualitative (Colilert®-18): Total Coliform and E. coli
	2500	Total coliforms		

Non-Potable Water

EPA 1603 (mTEC mod)	2525	Escherichia coli	10236201	Membrane Filtration Quantitative (modified mTEC): E. coli
EPA 1623.1	2510	Cryptosporidia	10236621	Cryptosporidium and Giardia in Water by Filtration/IMS/FA
	2545	Giardia		
EPA 1625	6221	1,2-Diphenylhydrazine	10121809	Semivolatile Organic Compounds by Isotope Dilution GC/MS
EPA 1664A (HEM)	1803	n-Hexane Extractable Material (O&G)	10127807	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
EPA 445 1.2	8643	Phytoplankton	10081400	In Vitro Chlorophyll & Pheopigments by Fluorescence
EPA 515.3 1	8545	2,4-D	10088401	Chlorinated acids Liquid/Solid and GC/ECD
	8505	Acifluorfen		
	8595	Dicamba		
	6605	Pentachlorophenol		
	8650	Silvex (2,4,5-TP)		
EPA 608	7355	4,4'-DDD	10103603	Organochlorine Pesticides & PCBs by GC/ECD
	7360	4,4'-DDE		
	7365	4,4'-DDT		
	7025	Aldrin		



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Non-Potable Water

EPA 608

- 7110 alpha-BHC (alpha-Hexachlorocyclohexane)
- 8880 Aroclor-1016 (PCB-1016)
- 8885 Aroclor-1221 (PCB-1221)
- 8890 Aroclor-1232 (PCB-1232)
- 8895 Aroclor-1242 (PCB-1242)
- 8900 Aroclor-1248 (PCB-1248)
- 8905 Aroclor-1254 (PCB-1254)
- 8910 Aroclor-1260 (PCB-1260)
- 7115 beta-BHC (beta-Hexachlorocyclohexane)
- 7250 Chlordane (tech.)
- 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
- 7810 Methoxychlor
- 8250 Toxaphene (Chlorinated camphene)

EPA 624

10107207

Volatile Organic Compounds by purge and trap GC/MS

- 5160 1,1,1-Trichloroethane
- 5110 1,1,2,2-Tetrachloroethane
- 5165 1,1,2-Trichloroethane
- 4630 1,1-Dichloroethane
- 4640 1,1-Dichloroethylene
- 4610 1,2-Dichlorobenzene
- 4635 1,2-Dichloroethane (Ethylene dichloride)
- 4655 1,2-Dichloropropane
- 4615 1,3-Dichlorobenzene
- 4675 1,3-Dichloropropene
- 4620 1,4-Dichlorobenzene
- 4410 2-Butanone (Methyl ethyl ketone, MEK)
- 4500 2-Chloroethyl vinyl ether
- 4325 Acrolein (Propenal)
- 4340 Acrylonitrile
- 4375 Benzene
- 4395 Bromodichloromethane
- 4397 Bromoethane (Ethyl Bromide)



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Non-Potable Water

EPA 624

- 4400 Bromoform
- 4455 Carbon tetrachloride
- 4475 Chlorobenzene
- 4575 Chlorodibromomethane
- 4485 Chloroethane (Ethyl chloride)
- 4505 Chloroform
- 4645 cis-1,2-Dichloroethylene
- 4680 cis-1,3-Dichloropropene
- 4765 Ethylbenzene
- 4960 Methyl chloride (Chloromethane)
- 4975 Methylene chloride (Dichloromethane)
- 5115 Tetrachloroethylene (Perchloroethylene)
- 5140 Toluene
- 4700 trans-1,2-Dichloroethylene
- 4685 trans-1,3-Dichloropropylene
- 5170 Trichloroethene (Trichloroethylene)
- 5175 Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
- 5235 Vinyl chloride

EPA 625

10300002

Base/Neutrals and Acids by GC/MS

- 5155 1,2,4-Trichlorobenzene
- 4610 1,2-Dichlorobenzene
- 6221 1,2-Diphenylhydrazine
- 4615 1,3-Dichlorobenzene
- 4620 1,4-Dichlorobenzene
- 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)
- 6490 2-Nitrophenol
- 5945 3,3'-Dichlorobenzidine
- 5660 4-Bromophenyl phenyl ether (BDE-3)
- 5700 4-Chloro-3-methylphenol
- 5825 4-Chlorophenyl phenylether
- 6500 4-Nitrophenol
- 5500 Acenaphthene
- 5505 Acenaphthylene
- 5555 Anthracene



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- 5595 Benzidine
- 5575 Benzo(a)anthracene
- 5580 Benzo(a)pyrene
- 5590 Benzo(g,h,i)perylene
- 5600 Benzo(k)fluoranthene
- 5585 Benzo[b]fluoranthene
- 5760 bis(2-Chloroethoxy)methane
- 5765 bis(2-Chloroethyl) ether
- 5780 bis(2-Chloroisopropyl) ether
- 5670 Butyl benzyl phthalate
- 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
- 5015 Nitrobenzene
- 6530 n-Nitrosodimethylamine
- 6545 n-Nitrosodi-n-propylamine
- 6535 n-Nitrosodiphenylamine
- 6605 Pentachlorophenol
- 6615 Phenanthrene
- 6625 Phenol
- 6665 Pyrene

EPA 8081B

10178800

Organochlorine Pesticides by GC/ECD

- 7355 4,4'-DDD
- 7360 4,4'-DDE
- 7365 4,4'-DDT
- 7005 Alachlor
- 7025 Aldrin
- 7110 alpha-BHC (alpha-Hexachlorocyclohexane)



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EPA 8081B	7115	beta-BHC (beta-Hexachlorocyclohexane)		
	7250	Chlordane (tech.)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		
	7510	Endosulfan I		
	7515	Endosulfan II		
	7520	Endosulfan sulfate		
	7540	Endrin		
	7530	Endrin aldehyde		
	7535	Endrin ketone		
	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		
8250	Toxaphene (Chlorinated camphene)			
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 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		
	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		



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Non-Potable Water

EPA 8260B

- 4635 1,2-Dichloroethane (Ethylene dichloride)
- 4655 1,2-Dichloropropane
- 5215 1,3,5-Trimethylbenzene
- 4615 1,3-Dichlorobenzene
- 4660 1,3-Dichloropropane
- 4620 1,4-Dichlorobenzene
- 4665 2,2-Dichloropropane
- 4410 2-Butanone (Methyl ethyl ketone, MEK)
- 4860 2-Hexanone (MBK)
- 4995 4-Methyl-2-pentanone (MIBK)
- 4315 Acetone
- 4375 Benzene
- 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
- 4580 Dibromochloropropane
- 4595 Dibromomethane (Methylene bromide)
- 4625 Dichlorodifluoromethane (Freon-12)
- 4765 Ethylbenzene
- 9408 Gasoline range organics (GRO)
- 4870 Iodomethane (Methyl iodide)
- 4950 Methyl bromide (Bromomethane)
- 4960 Methyl chloride (Chloromethane)
- 5000 Methyl tert-butyl ether (MTBE)
- 4975 Methylene chloride (Dichloromethane)
- 5005 Naphthalene
- 4435 n-Butylbenzene
- 5090 n-Propylbenzene
- 4440 sec-Butylbenzene
- 5100 Styrene
- 4445 tert-Butylbenzene
- 5115 Tetrachloroethylene (Perchloroethylene)
- 5140 Toluene
- 4700 trans-1,2-Dichloroethylene
- 4685 trans-1,3-Dichloropropylene



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2490 Crosspark Rd.

Certificate: 4014 - 008

Coralville, IA 52241-4721

Issue Date: 1/25/2019 Expiration Date: 1/24/2020

Non-Potable Water

EPA 8260B	5170	Trichloroethene (Trichloroethylene)
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
	5235	Vinyl chloride
	5260	Xylene (total)
EPA 8270C	10185805	Semivolatile Organic compounds by 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
	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
	4310	Acetochlor
	7005	Alachlor
	5555	Anthracene
	7065	Atrazine
	5575	Benzo(a)anthracene
	5580	Benzo(a)pyrene



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Non-Potable Water

EPA 8270C

- 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
- 7160 Butachlor
- 5670 Butyl benzyl phthalate
- 7175 Butylate
- 5680 Carbazole
- 7205 Carbofuran (Furaden)
- 7300 Chlorpyrifos
- 5855 Chrysene
- 7340 Cyanazine
- 7377 Deethyl atrazine (Desethyl atrazine)
- 7382 Deisopropyl atrazine
- 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
- 7570 Ethoprop
- 6265 Fluoranthene
- 6270 Fluorene
- 7640 Fonophos (Fonofos)
- 6275 Hexachlorobenzene
- 4835 Hexachlorobutadiene
- 6285 Hexachlorocyclopentadiene
- 4840 Hexachloroethane
- 6315 Indeno(1,2,3-cd) pyrene
- 6320 Isophorone
- 7835 Metolachlor
- 7845 Metribuzin
- 5005 Naphthalene
- 5015 Nitrobenzene
- 6530 n-Nitrosodimethylamine
- 6545 n-Nitrosodi-n-propylamine
- 6605 Pentachlorophenol
- 6615 Phenanthrene



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EPA 8270C	6625	Phenol		
	8045	Propachlor (Ramrod)		
	6665	Pyrene		
	5095	Pyridine		
	8185	Terbufos		
	8295	Trifluralin (Treflan)		
EPA 8270D			10186002	Semivolatile Organic compounds by GC/MS
	5575	Benzo(a)anthracene		
	5580	Benzo(a)pyrene		
	5855	Chrysene		
	5005	Naphthalene		
EPA 900			10112400	Gross Alpha and Gross Beta Radioactivity
	2830	Gross-alpha		
	2840	Gross-beta		
EPA 901.1			10112808	Gamma Emitting Radionuclides
	2855	Gross gamma		
EPA 903.0 (GPC)			10244005	Alpha-Emitting Isotopes
	2965	Radium-226		
EPA 904.0			10309805	Radium-228
	2967	Radium 226/228		
	2970	Radium-228		
OA-1			90013802	Iowa TPH Gx by GC/PID Purge & Trap
	4375	Benzene		
	4765	Ethylbenzene		
	9408	Gasoline range organics (GRO)		
	5000	Methyl tert-butyl ether (MTBE)		
	5140	Toluene		
	5260	Xylene (total)		
OA-2			90014009	Iowa TPH Dx
	9369	Diesel range organics (DRO)		
	9409	Kerosene		
	9410	Mineral Spirits		
	9499	Motor Oil		
SM 10200 H 21st Edition			20300225	Plankton - Chlorophyll
	9345	Chlorophylls		
	8643	Phytoplankton		
SM 4500-H+ B 21st ED			20105004	pH Value by Electrometric Method .
	1900	pH		



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Non-Potable Water

SM 4500-NO2 ⁻ B 19th ED		20112407	Nitrite by Colorimetric Determination
	1835 Nitrite		
	1840 Nitrite as N		
SM 4500-P E 19th ED		20123608	Phosphorus by Ascorbic Acid Reduction
	1870 Orthophosphate as P		
SM 5210 B 19th ED		20134605	Biochemical Oxygen Demand, 5-Day (BOD5)
	1530 Biochemical oxygen demand		
	1555 Carbonaceous BOD, CBOD		
SM 7500-U C 17th ED		20032604	Uranium - Isotopic
	3035 Uranium		
SM 9221 B (LTB) + C MPN 21st ED		20187002	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
	2500 Total coliforms		
SM 9221 B (LTB) + E (EC) 21st ED		20188005	Multiple Tube Fermentation Qualitative (LTB/EC): Total Coliform and Fecal Coliform
	2530 Fecal coliforms		
SM 9221 F (EC MUG) 21st ED		20197404	Multiple Tube Fermentation Qualitative (LTB/EC MUG): Total Coliform and E. Coli
	2525 Escherichia coli		
SM 9222 D (m- FC) 19th ED		20209409	Membrane Filtration Quantitative (m-FC): Fecal Coliform
	2530 Fecal coliforms		
SM 9223 B (ColiLert® Quanti-Tray®) 21st ED		20211409	Chromogenic/Fluorogenic Quantitative (ColiLert®): Total Coliform and E. coli
	2525 Escherichia coli		
	2500 Total coliforms		
SM 9223 B (ColiLert®) 21st ED		20212402	Chromogenic/Fluorogenic Qualitative (ColiLert®): Total Coliform and E. coli
	2525 Escherichia coli		
	2500 Total coliforms		
SM 9223 B (ColiLert®-18 Quanti-Tray®) 21st ED		20213405	Chromogenic/Fluorogenic Quantitative (ColiLert®-18): Total Coliform and E. coli
	2525 Escherichia coli		
	2500 Total coliforms		
SM 9223 B (ColiLert®-18) 21st ED		20214408	Chromogenic/Fluorogenic Qualitative (ColiLert®-18): Total Coliform and E. coli
	2525 Escherichia coli		
	2500 Total coliforms		

Solids

EPA 1311		10118806	Toxicity Characteristic Leaching Procedure
	8031 Extraction/Preparation		



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Solids

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)	
7250	Chlordane (tech.)	
7240	cis-chlordane (alpha-Chlordane)	
7105	delta-BHC	
7470	Dieldrin	
7510	Endosulfan I	
7515	Endosulfan II	
7520	Endosulfan sulfate	
7540	Endrin	
7530	Endrin aldehyde	
7535	Endrin ketone	
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	
7685	Heptachlor	
7690	Heptachlor epoxide	
6275	Hexachlorobenzene	
6285	Hexachlorocyclopentadiene	
7810	Methoxychlor	
8250	Toxaphene (Chlorinated camphene)	
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 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	
5165	1,1,2-Trichloroethane	
4630	1,1-Dichloroethane	
4640	1,1-Dichloroethylene	



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Solids

EPA 8260B

- 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
- 4665 2,2-Dichloropropane
- 4410 2-Butanone (Methyl ethyl ketone, MEK)
- 4860 2-Hexanone (MBK)
- 4995 4-Methyl-2-pentanone (MIBK)
- 4315 Acetone
- 4375 Benzene
- 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
- 4580 Dibromochloropropane
- 4595 Dibromomethane (Methylene bromide)
- 4625 Dichlorodifluoromethane (Freon-12)
- 4765 Ethylbenzene
- 9408 Gasoline range organics (GRO)
- 4870 Iodomethane (Methyl iodide)
- 4950 Methyl bromide (Bromomethane)
- 4960 Methyl chloride (Chloromethane)
- 5000 Methyl tert-butyl ether (MTBE)
- 4975 Methylene chloride (Dichloromethane)
- 5005 Naphthalene
- 4435 n-Butylbenzene



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Solids

EPA 8260B

- 5090 n-Propylbenzene
- 4440 sec-Butylbenzene
- 5100 Styrene
- 4445 tert-Butylbenzene
- 5115 Tetrachloroethylene (Perchloroethylene)
- 5140 Toluene
- 4700 trans-1,2-Dichloroethylene
- 4685 trans-1,3-Dichloropropylene
- 5170 Trichloroethene (Trichloroethylene)
- 5175 Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
- 5235 Vinyl chloride
- 5260 Xylene (total)

EPA 8270C

10185805

Semivolatile Organic compounds by 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
- 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



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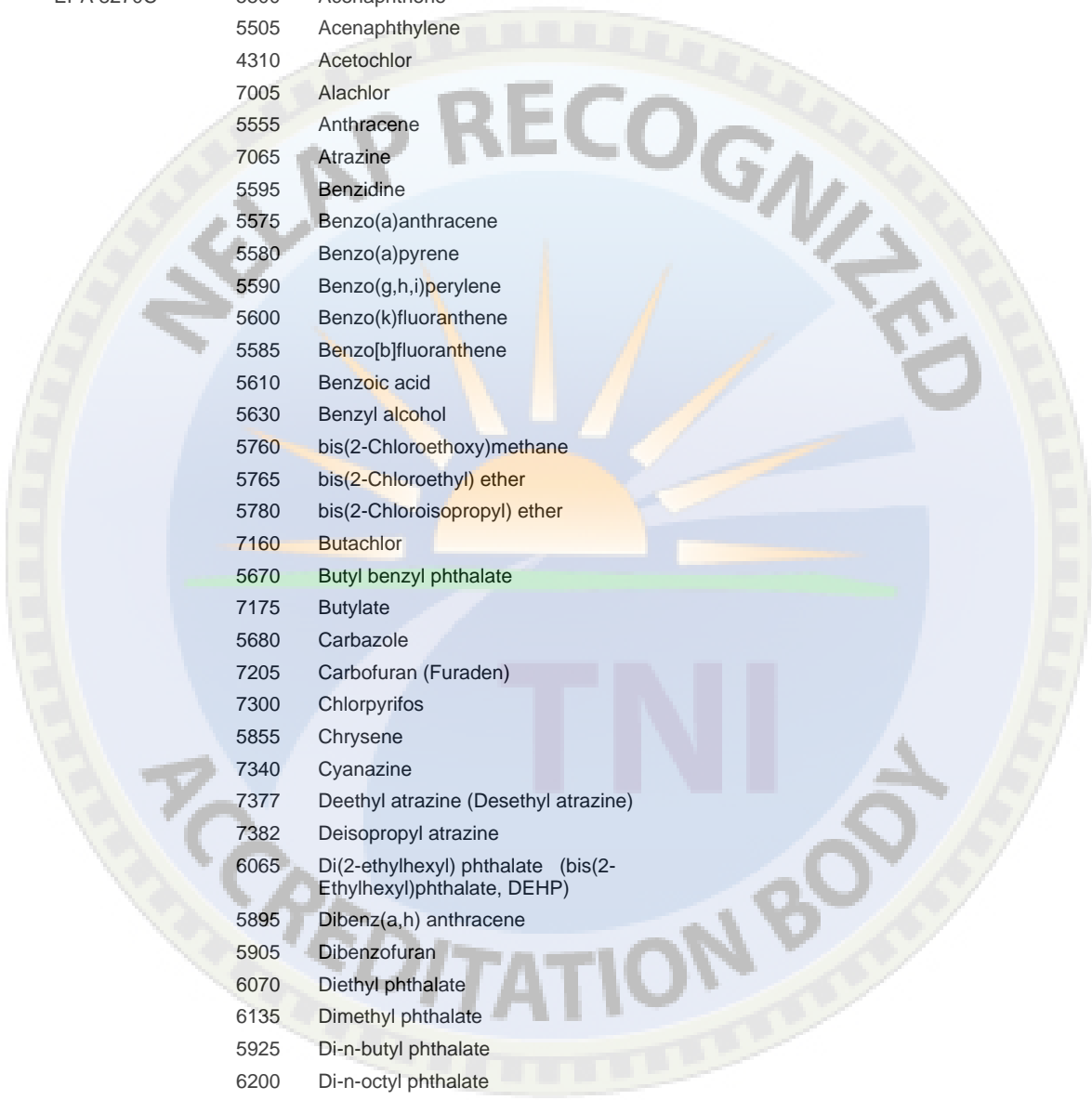
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Solids

EPA 8270C

- 5500 Acenaphthene
- 5505 Acenaphthylene
- 4310 Acetochlor
- 7005 Alachlor
- 5555 Anthracene
- 7065 Atrazine
- 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
- 7160 Butachlor
- 5670 Butyl benzyl phthalate
- 7175 Butylate
- 5680 Carbazole
- 7205 Carbofuran (Furaden)
- 7300 Chlorpyrifos
- 5855 Chrysene
- 7340 Cyanazine
- 7377 Deethyl atrazine (Desethyl atrazine)
- 7382 Deisopropyl atrazine
- 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
- 7570 Ethoprop
- 6265 Fluoranthene
- 6270 Fluorene
- 7640 Fonophos (Fonofos)
- 6275 Hexachlorobenzene
- 4835 Hexachlorobutadiene
- 6285 Hexachlorocyclopentadiene
- 4840 Hexachloroethane
- 6315 Indeno(1,2,3-cd) pyrene





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Solids

EPA 8270C	6320	Isophorone	10186002	Semivolatile Organic compounds by GC/MS
	7835	Metolachlor		
	7845	Metribuzin		
	5005	Naphthalene		
	5015	Nitrobenzene		
	6525	n-Nitrosodiethylamine		
	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			
8295	Trifluralin (Treflan)			
EPA 8270D				
	5575	Benzo(a)anthracene		
	5580	Benzo(a)pyrene		
	5855	Chrysene		
	5005	Naphthalene		
EPA 8321A			10189001	Solvent Extractable non-volatile compounds by HPLC/TS/MS
	8655	2,4,5-T		
	8545	2,4-D		
	8595	Dicamba		
EPA 8321B			10189205	Solvent Extractable non-volatile compounds by HPLC/TS/MS
	8545	2,4-D		
	8595	Dicamba		
	8650	Silvex (2,4,5-TP)		
EPA/600/4-82-020			10291108	Interim Method for the Determination of Asbestos in Bulk Insulation
	1520	Asbestos		
NIOSH 7400 3			90018001	Asbestos and Other Fibers by PCM
	1520	Asbestos		
OA-1			90013802	Iowa TPH Gx by GC/PID Purge & Trap
	4375	Benzene		
	4765	Ethylbenzene		
	9408	Gasoline range organics (GRO)		
	5000	Methyl tert-butyl ether (MTBE)		
	5140	Toluene		
	5260	Xylene (total)		



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Solids

OA-2

90014009

Iowa TPH Dx

- 9369 Diesel range organics (DRO)
- 9409 Kerosene
- 9410 Mineral Spirits
- 9499 Motor Oil

