OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: OR100016

Neilson Research Corporation

EPA CODE: OR00028

245 South Grape St

Certificate: OR100016 - 017

Medford, OR 97501

Issue Date: 1/24/2019 Expiration Date: 1/23/2020

As of 1/24/2019 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Code	Description
Air					
	EPA IO-3.4			10246409	SPM - Metals in Ambient Air by ICP
		1075	Lead		
Drinking Water					
	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		
		1070	Iron		
		1075	Lead		
		1080	Lithium		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1990	Silica as SiO2		
		1145	Silicon		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		1175	Tin		
		1180	Titanium		
		1183	Tungsten		
		1185	Vanadium		
		1190	Zinc		
	EPA 200.8 5.4			10014605	Metals by ICP-MS
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		

Drinking Water

EPA 200.8 5.4	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1075	Lead		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	3035	Uranium		
	1185	Vanadium		
	1190	Zinc		
EPA 218.7 1			10268414	Determination of Hexavalent Chromium in Drinking Water by Ion Chromatography with Post-column Derivatization and UV-VIS Spectroscopic Determination
	1045	Chromium VI		
EPA 245.1 3			10036609	Mercury by Cold Vapor Atomic Absorption
	1095	Mercury		
EPA 300.0			10053006	Ion chromatography - anions.
	1575	Chloride		
	1730	Fluoride		
	1810	Nitrate as N		
	1840	Nitrite as N		
	2000	Sulfate		
EPA 300.1			10053608	Ion chromatography - anions.
	1535	Bromate		
	1540	Bromide		
	1570	Chlorate		
	1595	Chlorite		
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		
EPA 504.1			10083008	EDB/DBCP/TCP micro-extraction, GC/ECD
	4570	1,2-Dibromo-3-chloropropane (DBCP)		

Drinking Water

EPA 504.1	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
EPA 505 2.1			10083406	Organohalide pesticides/PCBs (Drinking Water)
	7005	Alachlor		
	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)		
	7065	Atrazine		
	7160	Butachlor		
	7250	Chlordane (tech.)		
	7240	cis-chlordane (alpha-Chlordane)		
	7470	Dieldrin		
	7540	Endrin		
	7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	6275	Hexachlorobenzene		
	6285	Hexachlorocyclopentadiene		
	7810	Methoxychlor		
	7835	Metolachlor		
	7845	Metribuzin		
	8870	PCBs		
	8125	Simazine		
	8250	Toxaphene (Chlorinated camphene)		
	7245	trans-chlordane (gamma-Chlordane)		
EPA 508 3			10085402	Chlorinated Pesticides in Water by GC/ECD
	7025	Aldrin		
	8880	Aroclor-1016 (PCB-1016)		
	8885	Aroclor-1221 (PCB-1221)		
	8890	Aroclor-1232 (PCB-1232)		
	8895	Aroclor-1242 (PCB-1242)		
	8900	Aroclor-1248 (PCB-1248)		
	8905	Aroclor-1254 (PCB-1254)		
	8910	Aroclor-1260 (PCB-1260)		
	7250	Chlordane (tech.)		
	7470	Dieldrin		

Drinking Water

EPA 508 3	7540	Endrin		
	7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		
	8250	Toxaphene (Chlorinated camphene)		
EPA 508A			10085800	PCB Screening by Perchlorination and GC/ECD
	9105	Decachlorobiphenyl (BZ-209)		
EPA 515.3 1			10088401	Chlorinated acids Liquid/Solid and GC/ECD
	8655	2,4,5-T		
	8545	2,4-D		
	8560	2,4-DB		
	8505	Acifluorfen		
	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 4.1			10088809	Volatile Organic Compounds GC/MS Capillary Column
	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		
	4410	2-Butanone (Methyl ethyl ketone, MEK)		
	4535	2-Chlorotoluene		

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Drinking Water	EPA 524.2 4.1	4860	2-Hexanone (MBK)
		4540	4-Chlorotoluene
		4910	4-Isopropyltoluene (p-Cymene)
		4995	4-Methyl-2-pentanone (MIBK)
		4315	Acetone
		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
		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)
		5005	Naphthalene
		4435	n-Butylbenzene
		5090	n-Propylbenzene
		5250	o-Xylene
		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

Drinking Water

EPA 524.2 4.1	5260	Xylene (total)		
EPA 524.2 4			10089006	Volatile Organic Compounds by purge and trap GC/MS
	5105	1,1,1,2-Tetrachloroethane		
EPA 525.2 2			10090003	Semi-Volatile by SPE extraction and GC/MS
	7005	Alachlor		
	7025	Aldrin		
	7065	Atrazine		
	5580	Benzo(a)pyrene		
	6062	bis(2-Ethylhexyl)adipate		
	7160	Butachlor		
	6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)		
	7470	Dieldrin		
	7540	Endrin		
	7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	6275	Hexachlorobenzene		
	6285	Hexachlorocyclopentadiene		
	7810	Methoxychlor		
	7835	Metolachlor		
	7845	Metribuzin		
	8045	Propachlor (Ramrod)		
	8125	Simazine		
	8295	Trifluralin (Treflan)		
EPA 531.1 3			10091200	Carbamates HPLC with post column derivatization and HPLC/Fluorescence
	7710	3-Hydroxycarbofuran		
	7010	Aldicarb (Temik)		
	7015	Aldicarb sulfone		
	7020	Aldicarb sulfoxide		
	7195	Carbaryl (Sevin)		
	7205	Carbofuran (Furaden)		
	7800	Methiocarb (Mesurol)		
	7805	Methomyl (Lannate)		
	7940	Oxamyl		
	8080	Propoxur (Baygon)		
EPA 547			10092009	Glyphosate by Direct Aqueous Injection by Post-column Derivitization and HPLC/Fluorescence
	9411	Glyphosate		

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EPA 548.1 1			10092805	Endothall by Ion Exchange, Methylation and GC/MS
	7525	Endothall		
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		
	9336	Chloroacetic acid		
	9357	Dibromoacetic acid		
	9360	Dichloroacetic acid		
	9642	Trichloroacetic acid		
Legiolert - Legionella pneumophilia in Water			60008335	Determination of Legionella pneumophilia in Potable and Non-Potable Water
	2556	Legionella pneumophilia		
SM 2120 B 19th ED			20223807	Color by Visual Comparison
	1605	Color		
SM 2130 B 19th ED			20042200	Turbidity by Nephelometric Determination
	2055	Turbidity		
SM 2150 B 19th ED			20043203	Odor by Threshold Odor Test
	1855	Odor		
SM 2320 B 19th ED			20045005	Alkalinity by Titration
	1505	Alkalinity as CaCO3		
SM 2340 B 19th ED			20046008	Hardness by calculation
	1750	Hardness		
SM 2510 B 19th ED			20048004	Conductivity by Probe
	1610	Conductivity		
SM 2540 B 19th ED			20048800	Total Solids
	1950	Residue-total		
SM 2540 C 19th ED			20049803	Total Dissolved Solids
	1955	Residue-filterable (TDS)		
SM 4500-Cl G 19th ED			20081009	Residual Chlorine by DPD Colorimetric Determination
	1945	Residual free chlorine		
	1940	Total residual chlorine		
SM 4500-H+ B 19th ED			20104603	pH by Probe
	1900	pH		
SM 4500-NO_2^- B 19th ED			20112407	Nitrite by Colorimetric Determination
	1840	Nitrite as N		

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Drinking Water	SM 4500-NO_3^- F 19th ED			20116001	Nitrate Nitrogen by Automated Cadmium Reduction Method
		1810	Nitrate as N		
		1820	Nitrate-nitrite		
	SM 5310 C 19th ED			20138209	Total Organic Carbon by Persulfate-Ultraviolet Oxidation Method
		1710	Dissolved organic carbon (DOC)		
		2040	Total organic carbon		
	SM 5540 C 19th ED			20144405	Surfactants as MBAS
		2025	Surfactants - MBAS		
	SM 5910 B 19th ED			20145806	UV absorbing organic constituents
		2060	UV 254		
	SM 9215 B (PCA) 19th ED			20181004	Heterotrophic Plate Count Pour Plate (plate count agar): Heterotrophic Bacteria
		2555	Heterotrophic plate count		
	SM 9222 B (LES Endo) + 9221 F (EC MUG) 19th ED			20222804	Total Coliforms & E. Coli by Qualitative Membrane Filtration + Fluorogenic
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colilert® Quanti-Tray®) 20th ED			20211205	Chromogenic/Fluorogenic Quantitative (Colilert®): Total Coliform and E. coli
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colilert®) 19th ED			20212004	Chromogenic/Fluorogenic Qualitative (Colilert®): Total Coliform and E. coli
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colilert®-18 Quanti-Tray®) 20th ED			20213201	Chromogenic/Fluorogenic Quantitative (Colilert®-18): Total Coliform and E. coli
		2525	Escherichia coli		
		2500	Total coliforms		
	SM 9223 B (Colilert®-18) 20th ED			20214204	Chromogenic/Fluorogenic Qualitative (Colilert®-18): Total Coliform and E. coli
		2525	Escherichia coli		
		2500	Total coliforms		
Non-Potable Water	Enterolert®			60030208	Chromogenic/Fluorogenic Quantitative (Enterolert®): Enterococci
		2520	Enterococci		
	EPA 1010			10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
		1780	Ignitability		
	EPA 160.4 EPA 160.4			10010205	Total Volatile Solids, ignition @ 550 C.
		1970	Residue-volatile		

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Non-Potable Water	EPA 1664A (HEM)			10127807	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
		6142	Hexane Extractable Material - Silica Gel Treated (HEM-SGT)		
		1803	n-Hexane Extractable Material (O&G)		
	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		
		1070	Iron		
		1075	Lead		
		1080	Lithium		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1140	Selenium		
		1990	Silica as SiO2		
		1145	Silicon		
		1150	Silver		
		1155	Sodium		
		1160	Strontium		
		1165	Thallium		
		1175	Tin		
		1180	Titanium		
		1183	Tungsten		
		1185	Vanadium		
		1190	Zinc		
	EPA 200.8 5.4			10014605	Metals by ICP-MS
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		

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Non-Potable Water

EPA 200.8 5.4	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1075	Lead		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1185	Vanadium		
	1190	Zinc		
EPA 218.7 1			10268414	Determination of Hexavalent Chromium in Drinking Water by Ion Chromatography with Post-column Derivatization and UV-VIS Spectroscopic Determination
	1045	Chromium VI		
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		
	1840	Nitrite as N		
	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		
EPA 330.5			10059606	Residual Chlorine - DPD kit or DPD spec.
	1580	Chlorine		
	1945	Residual free chlorine		
EPA 335.4 EPA 335.4			10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
	1635	Cyanide		
EPA 350.1 2			10063602	Ammonia Nitrogen - Colorimetric, Auto Phenate
	1515	Ammonia as N		

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EPA 351.2 2			10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate
	1795	Kjeldahl nitrogen - total		
EPA 3510C			10138202	Separatory Funnel Liquid-liquid extraction
	8031	Extraction/Preparation		
EPA 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
	1810	Nitrate as N		
	1820	Nitrate-nitrite		
EPA 365.1 2			10070005	Phosphorous - Colorimetric, Automated persulfate
	1870	Orthophosphate as P		
	1910	Phosphorus, total		
EPA 420.1			10079400	Phenolics - Spectrophotometric, manual.
	1905	Total phenolics		
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		
	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		
	1145	Silicon		
	1150	Silver		
	1155	Sodium		
	1160	Strontium		
	1165	Thallium		

Non-Potable Water

EPA 6010B				
	1175	Tin		
	1180	Titanium		
	1183	Tungsten		
	1185	Vanadium		
	1190	Zinc		
EPA 6020A 1			10156419	Inductively Coupled Plasma -Mass Spectrometry
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1075	Lead		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1185	Vanadium		
	1190	Zinc		
EPA 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)		
	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.)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		

Non-Potable Water

EPA 608	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 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		
	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		
	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)		

OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: OR100016

Neilson Research Corporation

EPA CODE: OR00028

245 South Grape St

Certificate: OR100016 - 017

Medford, OR 97501

Issue Date: 1/24/2019 Expiration Date: 1/23/2020

As of 1/24/2019 this list supersedes all previous lists for this certificate number.

Non-Potable Water	EPA 624	4315	Acetone
		4325	Acrolein (Propenal)
		4340	Acrylonitrile
		4375	Benzene
		4385	Bromobenzene
		4390	Bromochloromethane
		4395	Bromodichloromethane
		4400	Bromoform
		4450	Carbon disulfide
		4455	Carbon tetrachloride
		4475	Chlorobenzene
		4575	Chlorodibromomethane
		4485	Chloroethane (Ethyl chloride)
		4505	Chloroform
		4645	cis-1,2-Dichloroethylene
		4680	cis-1,3-Dichloropropene
		4595	Dibromomethane (Methylene bromide)
		4625	Dichlorodifluoromethane (Freon-12)
		4765	Ethylbenzene
		4835	Hexachlorobutadiene
		4900	Isopropylbenzene (Cumene)
		5240	m+p-xylene
		4950	Methyl bromide (Bromomethane)
		4960	Methyl chloride (Chloromethane)
		5000	Methyl tert-butyl ether (MTBE)
		4975	Methylene chloride (Dichloromethane)
		5005	Naphthalene
		4435	n-Butylbenzene
		5090	n-Propylbenzene
		5250	o-Xylene
		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)

Non-Potable Water

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		
4615	1,3-Dichlorobenzene		
4620	1,4-Dichlorobenzene		
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		
6465	3-Nitroaniline		
5660	4-Bromophenyl phenyl ether (BDE-3)		
5700	4-Chloro-3-methylphenol		
5825	4-Chlorophenyl phenylether		
6410	4-Methylphenol (p-Cresol)		
6470	4-Nitroaniline		
6500	4-Nitrophenol		
5500	Acenaphthene		
5505	Acenaphthylene		
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		

Non-Potable Water

EPA 625	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	
	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	
	6590	Pentachlorobenzene	
	6605	Pentachlorophenol	
	6615	Phenanthrene	
	6625	Phenol	
	6665	Pyrene	
	5095	Pyridine	
EPA 625 SIM 1		10300013	Base/Neutral and Acid Extractable Compounds by GC/MS
	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	

Non-Potable Water

EPA 625 SIM 1	6265	Fluoranthene		
	6270	Fluorene		
	6315	Indeno(1,2,3-cd) pyrene		
	5005	Naphthalene		
	6605	Pentachlorophenol		
	6615	Phenanthrene		
	6665	Pyrene		
EPA 7196A			10162400	Chromium Hexavalent colorimetric
	1045	Chromium VI		
EPA 7470A			10165807	Mercury in Liquid Waste by Cold Vapor Atomic Absorption
	1095	Mercury		
EPA 8081A			10178606	Organochlorine Pesticides by GC/ECD
	7355	4,4'-DDD		
	7360	4,4'-DDE		
	7365	4,4'-DDT		
	7025	Aldrin		
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
	7115	beta-BHC (beta-Hexachlorocyclohexane)		
	7250	Chlordane (tech.)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		
	7510	Endosulfan I		
	7515	Endosulfan II		
	7520	Endosulfan sulfate		
	7540	Endrin		
	7530	Endrin aldehyde		
	7535	Endrin ketone		
	7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		
	8250	Toxaphene (Chlorinated camphene)		
	7245	trans-chlordane (gamma-Chlordane)		
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)		

Non-Potable Water

EPA 8082	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		
	4635	1,2-Dichloroethane (Ethylene dichloride)		
	4655	1,2-Dichloropropane		
	5215	1,3,5-Trimethylbenzene		
	4615	1,3-Dichlorobenzene		
	4660	1,3-Dichloropropane		
	4620	1,4-Dichlorobenzene		
	4665	2,2-Dichloropropane		
	4410	2-Butanone (Methyl ethyl ketone, MEK)		
	4535	2-Chlorotoluene		
	4860	2-Hexanone (MBK)		
	4540	4-Chlorotoluene		
	4910	4-Isopropyltoluene (p-Cymene)		
	4995	4-Methyl-2-pentanone (MIBK)		
	4315	Acetone		
	4375	Benzene		
	4385	Bromobenzene		
	4390	Bromochloromethane		
	4395	Bromodichloromethane		
	4400	Bromoform		
	4450	Carbon disulfide		
	4455	Carbon tetrachloride		
	4475	Chlorobenzene		
	4575	Chlorodibromomethane		
	4485	Chloroethane (Ethyl chloride)		

OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: OR100016

Neilson Research Corporation

EPA CODE: OR00028

245 South Grape St

Certificate: OR100016 - 017

Medford, OR 97501 Issue Date: 1/24/2019 Expiration Date: 1/23/2020

As of 1/24/2019 this list supersedes all previous lists for this certificate number.

Non-Potable Water

EPA 8260B	4505	Chloroform	
	4645	cis-1,2-Dichloroethylene	
	4680	cis-1,3-Dichloropropene	
	4595	Dibromomethane (Methylene bromide)	
	4625	Dichlorodifluoromethane (Freon-12)	
	4765	Ethylbenzene	
	4835	Hexachlorobutadiene	
	4900	Isopropylbenzene (Cumene)	
	5240	m+p-xylene	
	4950	Methyl bromide (Bromomethane)	
	4960	Methyl chloride (Chloromethane)	
	5000	Methyl tert-butyl ether (MTBE)	
	4975	Methylene chloride (Dichloromethane)	
	5005	Naphthalene	
	4435	n-Butylbenzene	
	5090	n-Propylbenzene	
	5250	o-Xylene	
	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 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	
	5165	1,1,2-Trichloroethane	
	4630	1,1-Dichloroethane	
	4640	1,1-Dichloroethylene	
	4670	1,1-Dichloropropene	
	5150	1,2,3-Trichlorobenzene	
	5180	1,2,3-Trichloropropane	
	5155	1,2,4-Trichlorobenzene	
	5210	1,2,4-Trimethylbenzene	
	4570	1,2-Dibromo-3-chloropropane (DBCP)	

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Non-Potable Water	EPA 8260C	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)
		4610	1,2-Dichlorobenzene
		4635	1,2-Dichloroethane (Ethylene dichloride)
		4655	1,2-Dichloropropane
		5215	1,3,5-Trimethylbenzene
		4615	1,3-Dichlorobenzene
		4660	1,3-Dichloropropane
		4620	1,4-Dichlorobenzene
		4665	2,2-Dichloropropane
		4410	2-Butanone (Methyl ethyl ketone, MEK)
		4535	2-Chlorotoluene
		4860	2-Hexanone (MBK)
		4540	4-Chlorotoluene
		4910	4-Isopropyltoluene (p-Cymene)
		4995	4-Methyl-2-pentanone (MIBK)
		4315	Acetone
		4375	Benzene
		4385	Bromobenzene
		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
		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)
		5005	Naphthalene
		4435	n-Butylbenzene
		5090	n-Propylbenzene
		5250	o-Xylene

Non-Potable Water

EPA 8260C				
	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
	6715	1,2,4,5-Tetrachlorobenzene		
	5155	1,2,4-Trichlorobenzene		
	4610	1,2-Dichlorobenzene		
	4615	1,3-Dichlorobenzene		
	4620	1,4-Dichlorobenzene		
	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		
	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		

OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: OR100016

Neilson Research Corporation

EPA CODE: OR00028

245 South Grape St

Certificate: OR100016 - 017

Medford, OR 97501

Issue Date: 1/24/2019 Expiration Date: 1/23/2020

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Non-Potable Water	EPA 8270C	5500	Acenaphthene
		5505	Acenaphthylene
		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
		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
		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
		6590	Pentachlorobenzene
		6605	Pentachlorophenol
		6615	Phenanthrene
		6625	Phenol
		6665	Pyrene

Non-Potable Water

EPA 8270C	5095	Pyridine		
EPA 8270C SIM			10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
	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		
	6605	Pentachlorophenol		
	6615	Phenanthrene		
	6665	Pyrene		
EPA 9010B			10193007	Total and Amenable Cyanide by Distillation and UV-Vis
	1645	Total cyanide		
EPA 9012B			10243206	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
	1645	Total cyanide		
EPA 9040B			10197203	pH Electrometric Measurement
	1900	pH		
EPA 9045C			10198400	Soil and Waste pH
	1900	pH		
EPA 9050A			10198808	Specific Conductance
	1610	Conductivity		
EPA 9056A EPA 9056A			10199607	Determination of Inorganic Anions by Ion Chromatography
	1540	Bromide		
	1575	Chloride		
	1730	Fluoride		
	1805	Nitrate		
	1835	Nitrite		
	2000	Sulfate		

Non-Potable Water

EPA 9060			10200201	Total Organic Carbon
	1710	Dissolved organic carbon (DOC)		
	2040	Total organic carbon		
EPA 9065			10200405	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)
	1905	Total phenolics		
Legiolert - Legionella pneumophilia in Water			60008335	Determination of Legionella pneumophilia in Potable and Non-Potable Water
	2556	Legionella pneumophilia		
NWTPH-Dx			90018409	Oregon DEQ TPH Diesel Range
	9369	Diesel range organics (DRO)		
	9499	Motor Oil		
NWTPH-Gx			90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap
	9408	Gasoline range organics (GRO)		
NWTPH-GX (GC/MS)			90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap
	9408	Gasoline range organics (GRO)		
NWTPH-HCID			90013200	Oregon DEQ Total Petroleum Hydrocarbon ID
	9369	Diesel range organics (DRO)		
	9408	Gasoline range organics (GRO)		
	9499	Motor Oil		
SM 2120 B 19th ED			20223807	Color by Visual Comparison
	1605	Color		
SM 2130 B 19th ED			20042200	Turbidity by Nephelometric Determination
	2055	Turbidity		
SM 2320 B 19th ED			20045005	Alkalinity by Titration
	1505	Alkalinity as CaCO3		
SM 2340 B 19th ED			20046008	Hardness by calculation
	1750	Hardness		
SM 2510 B 19th ED			20048004	Conductivity by Probe
	1610	Conductivity		
SM 2540 B 19th ED			20048800	Total Solids
	1950	Residue-total		
SM 2540 C 19th ED			20049803	Total Dissolved Solids
	1955	Residue-filterable (TDS)		
SM 2540 D 19th ED			20050606	Total Suspended Solids
	1960	Residue-nonfilterable (TSS)		

OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

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Neilson Research Corporation

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Medford, OR 97501

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Non-Potable Water

SM 2540 F 19th ED			20051609	Settleable Solids
	1965	Residue-settleable		
SM 2540 G 20th ED			20005258	Total, Fixed, and Volatile Solids in Solid and Semisolid Samples
	1725	Total, fixed, and volatile residue		
SM 2550 B 19th ED			20052602	Temperature by Thermometer
	2030	Temperature, deg. C		
SM 3500-Cr D 19th ED			20067009	Chromium by Colorimetric Method
	1045	Chromium VI		
SM 4500-Cl G 19th ED			20081009	Residual Chlorine by DPD Colorimetric Determination
	1945	Residual free chlorine		
	1940	Total residual chlorine		
SM 4500-CN^- I-2011			20098026	Weak Acid Dissociable Cyanide
	2074	Weak Acid Dissociable Cyanide		
SM 4500-H+ B 19th ED			20104603	pH by Probe
	1900	pH		
SM 4500-$NO2^-$ B 19th ED			20112407	Nitrite by Colorimetric Determination
	1840	Nitrite as N		
SM 4500-$NO3^-$ F 19th ED			20116001	Nitrate Nitrogen by Automated Cadmium Reduction Method
	1810	Nitrate as N		
	1820	Nitrate-nitrite		
SM 4500-O G 19th ED			20121000	Dissolved Oxygen by Membrane Electrode Method
	1880	Oxygen, dissolved		
SM 4500-P E 19th ED			20123608	Phosphorus by Ascorbic Acid Reduction
	1870	Orthophosphate as P		
	1910	Phosphorus, total		
SM 5210 B 19th ED			20134605	Biochemical Oxygen Demand, 5-Day (BOD5)
	1530	Biochemical oxygen demand		
	1555	Carbonaceous BOD, CBOD		
SM 5220 D 19th ED			20136203	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
	1565	Chemical oxygen demand		
SM 5310 C 19th ED			20138209	Total Organic Carbon by Persulfate-Ultraviolet Oxidation Method
	1710	Dissolved organic carbon (DOC)		
	2040	Total organic carbon		
SM 5540 C 19th ED			20144405	Surfactants as MBAS
	2025	Surfactants - MBAS		

Non-Potable Water

SM 5550 B 18th ED			20029203	Tannin and Lignin
	9597	Tannin & Lignin		
SM 9221 B (LTB) + C MPN 19th ED			20186601	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
	2500	Total coliforms		
SM 9221 B (LTB) + E (EC) + C MPN 19th ED			20188403	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
	2530	Fecal coliforms		
SM 9221 B (LTB) + F (EC MUG) 19th ED			20189406	Multiple Tube Fermentation Qualitative (LTB/EC MUG): Total Coliform and E. Coli
	2525	Escherichia coli		
SM 9223 B (Colilert® Quanti-Tray®) 20th ED			20211205	Chromogenic/Fluorogenic Quantitative (Colilert®): Total Coliform and E. coli
	2525	Escherichia coli		
	2500	Total coliforms		
SM 9223 B (Colilert®-18 Quanti-Tray®) 20th ED			20213201	Chromogenic/Fluorogenic Quantitative (Colilert®-18): Total Coliform and E. coli
	2525	Escherichia coli		
	2530	Fecal coliforms		
	2500	Total coliforms		
SM 9223 B (Colilert®-18) 20th ED			20214204	Chromogenic/Fluorogenic Qualitative (Colilert®-18): Total Coliform and E. coli
	2525	Escherichia coli		
	2500	Total coliforms		

Solids

EPA 1010			10116606	Pensky-Martens Closed-Cup Method for Determining Ignitability
	1780	Ignitability		
EPA 1311			10118806	Toxicity Characteristic Leaching Procedure
	8031	Extraction/Preparation		
EPA 200.7 4.4			10013806	ICP - metals
	1000	Aluminum		
	1010	Arsenic		
	1015	Barium		
	1030	Cadmium		
	1040	Chromium		
	1055	Copper		
	1070	Iron		
	1075	Lead		
	1100	Molybdenum		
	1105	Nickel		
	1125	Potassium		

Solids

EPA 200.7 4.4	1140	Selenium		
	1150	Silver		
	1190	Zinc		
EPA 245.1 3			10036609	Mercury by Cold Vapor Atomic Absorption
	1095	Mercury		
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		
EPA 335.4			10061208	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 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
	1810	Nitrate as N		
	1820	Nitrate-nitrite		
EPA 3550C			10142004	Ultrasonic Extraction
	8031	Extraction/Preparation		
EPA 5035A			10284807	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste 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		
	1760	Hardness (calc.)		
	1070	Iron		

Solids

EPA 6010B				
	1075	Lead		
	1080	Lithium		
	1085	Magnesium		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1125	Potassium		
	1140	Selenium		
	1990	Silica as SiO2		
	1145	Silicon		
	1150	Silver		
	1160	Strontium		
	1165	Thallium		
	1175	Tin		
	1180	Titanium		
	1183	Tungsten		
	1190	Zinc		
EPA 7471A			10166208	Mercury in Solid Waste by Cold Vapor Atomic Absorption
	1095	Mercury		
EPA 8081A			10178606	Organochlorine Pesticides by GC/ECD
	7355	4,4'-DDD		
	7360	4,4'-DDE		
	7365	4,4'-DDT		
	7025	Aldrin		
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
	7115	beta-BHC (beta-Hexachlorocyclohexane)		
	7250	Chlordane (tech.)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		
	7510	Endosulfan I		
	7515	Endosulfan II		
	7520	Endosulfan sulfate		
	7540	Endrin		
	7530	Endrin aldehyde		
	7535	Endrin ketone		
	7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		

Solids

EPA 8081A	8250	Toxaphene (Chlorinated camphene)	
	7245	trans-chlordane (gamma-Chlordane)	
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	
	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	
	4665	2,2-Dichloropropane	
	4410	2-Butanone (Methyl ethyl ketone, MEK)	
	4535	2-Chlorotoluene	
	4860	2-Hexanone (MBK)	
	4540	4-Chlorotoluene	
	4910	4-Isopropyltoluene (p-Cymene)	
	4995	4-Methyl-2-pentanone (MIBK)	
	4315	Acetone	
	4375	Benzene	
	4385	Bromobenzene	

Solids	EPA 8260B	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	
		4900	Isopropylbenzene (Cumene)	
		5240	m+p-xylene	
		4960	Methyl chloride (Chloromethane)	
		5000	Methyl tert-butyl ether (MTBE)	
		4975	Methylene chloride (Dichloromethane)	
		5005	Naphthalene	
		4435	n-Butylbenzene	
		5090	n-Propylbenzene	
		5250	o-Xylene	
		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 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	
		5165	1,1,2-Trichloroethane	
		4630	1,1-Dichloroethane	
		4640	1,1-Dichloroethylene	

Solids	EPA 8260C	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)
		4535	2-Chlorotoluene
		4860	2-Hexanone (MBK)
		4540	4-Chlorotoluene
		4910	4-Isopropyltoluene (p-Cymene)
		4995	4-Methyl-2-pentanone (MIBK)
		4315	Acetone
		4375	Benzene
		4385	Bromobenzene
		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
		4900	Isopropylbenzene (Cumene)
		5240	m+p-xylene
		4950	Methyl bromide (Bromomethane)
		4960	Methyl chloride (Chloromethane)

Solids

EPA 8260C	5000	Methyl tert-butyl ether (MTBE)	
	4975	Methylene chloride (Dichloromethane)	
	5005	Naphthalene	
	4435	n-Butylbenzene	
	5090	n-Propylbenzene	
	5250	o-Xylene	
	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	
	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	
	6465	3-Nitroaniline	
	5660	4-Bromophenyl phenyl ether (BDE-3)	
	5700	4-Chloro-3-methylphenol	

OREGON

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: OR100016

Neilson Research Corporation

EPA CODE: OR00028

245 South Grape St

Certificate: OR100016 - 017

Medford, OR 97501

Issue Date: 1/24/2019 Expiration Date: 1/23/2020

As of 1/24/2019 this list supersedes all previous lists for this certificate number.

Solids	EPA 8270C	5745	4-Chloroaniline
		5825	4-Chlorophenyl phenylether
		6410	4-Methylphenol (p-Cresol)
		6470	4-Nitroaniline
		6500	4-Nitrophenol
		5500	Acenaphthene
		5505	Acenaphthylene
		5545	Aniline
		5555	Anthracene
		5595	Benzidine
		5575	Benzo(a)anthracene
		5580	Benzo(a)pyrene
		5590	Benzo(g,h,i)perylene
		5600	Benzo(k)fluoranthene
		5585	Benzo[b]fluoranthene
		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
		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

Solids

EPA 8270C	6615	Phenanthrene		
	6625	Phenol		
	6665	Pyrene		
	5095	Pyridine		
EPA 8270C SIM			10242407	Semivolatile Organic compounds by GC/MS Selective Ion Monitoring
	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 9010B			10193007	Total and Amenable Cyanide by Distillation and UV-Vis
	1645	Total cyanide		
EPA 9012B			10243206	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
	1645	Total cyanide		
EPA 9045C			10198400	Soil and Waste pH
	1900	pH		
EPA 9065			10200405	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)
	1905	Total phenolics		
NWTPH-Dx			90018409	Oregon DEQ TPH Diesel Range
	9369	Diesel range organics (DRO)		
	9499	Motor Oil		
NWTPH-Gx			90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap
	9408	Gasoline range organics (GRO)		
NWTPH-GX (GC/MS)			90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap
	9408	Gasoline range organics (GRO)		

OREGON

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Solids

NWTPH-HCID			90013200	Oregon DEQ Total Petroleum Hydrocarbon ID
	9369	Diesel range organics (DRO)		
	9408	Gasoline range organics (GRO)		
	9499	Motor Oil		
SM 2540 G 20th ED			20005258	Total, Fixed, and Volatile Solids in Solid and Semisolid Samples
	1725	Total, fixed, and volatile residue		
SM 4500-P E 19th ED			20123608	Phosphorus by Ascorbic Acid Reduction
	1910	Phosphorus, total		