



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

RTI LABORATORIES, INC.  
 31628 Glendale  
 Livonia, Michigan 48150  
 Yemane Yohannes Phone: 734-422-8000 ext. 215

ENVIRONMENTAL

Valid To: October 31, 2022

Certificate Number: 0570.03

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2017, the 2009 TNI Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in QSM version 5.3 of the DoD Quality Systems Manual for Environmental Laboratories) accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

ICP/MS, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, LC/MS/MS, Ion Chromatography, Methylene Blue Active Substances, Misc.- Electronic Probes (pH, O<sub>2</sub>), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, Total Organic Carbon, Turbidity

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid/Chemical</u>
<b><u>Metals</u></b>				
Aluminum	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Antimony	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Arsenic	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Barium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Beryllium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Boron	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Cadmium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Calcium	-----	EPA 200.7	EPA 6010C/6010D	EPA 6010C/6010D
Chromium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D

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			<u>Aqueous</u>	<u>Solid/Chemical</u>
Cobalt	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Copper	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Iron	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Lead	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Lithium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Magnesium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Manganese	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Mercury	EPA 245.1	EPA 245.1/ EPA 1631E	EPA 7470A	EPA 7471B
Molybdenum	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Nickel	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Potassium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Selenium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Silicon	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Silver	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Strontium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Sodium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Thallium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Tin	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Titanium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Uranium	EPA 200.8	EPA 200.8	EPA 6020B	EPA 6020B
Vanadium	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
Zinc	EPA 200.8	EPA 200.7/200.8	EPA 6020B/6010C/6010D	EPA 6020B/6010C/6010D
<b><u>Nutrients</u></b>				
Ammonia (as N)	SM 4500 NH <sub>3</sub> -D/ EPA 350.1/	SM 4500 NH <sub>3</sub> D/ EPA 350.1/ SM4500-NH <sub>3</sub> -H	-----	-----

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			<u>Aqueous</u>	<u>Solid/Chemical</u>
	SM4500-NH3-H			
Kjeldahl Nitrogen	SM 4500 N <sub>org</sub> -B/ SM 4500 NH <sub>3</sub> -D/ EPA 351.2/ SM 4500- N <sub>org</sub> -D	SM 4500 N <sub>org</sub> -B/ SM 4500 NH <sub>3</sub> -D/ EPA 351.2/ SM 4500- N <sub>org</sub> -D	SM 4500 N <sub>org</sub> -B/ SM 4500 NH <sub>3</sub> -C	SM 4500 N <sub>org</sub> -B/ SM 4500 NH <sub>3</sub> -C
Nitrate (as N)	EPA 300.0	EPA 300.0/ EPA 9056	EPA 9056	EPA 9056
Nitrate-Nitrite (as N)	EPA 300.0/ EPA 353.2/ SM 4500 NO <sub>3</sub> -F	EPA 300.0/ EPA 353.2/ SM 4500 NO <sub>3</sub> -F/ EPA 9056	EPA 9056A	EPA 9056A
Nitrite (as N)	EPA 300.0 EPA 353.2 (BP) SM 4500 NO <sub>3</sub> -F (BP)	EPA 300.0 EPA 353.2 (BP) SM 4500 NO <sub>3</sub> -F (BP)/ EPA 9056	EPA 9056A	EPA 9056A
Orthophosphate (as P)	SM 4500 P-E, F EPA 365.3	SM 4500 PO <sub>4</sub> -F/ EPA 9056	EPA 9056A	EPA 9056A
Total Phosphorus	SM 4500 P-F/ SM 4500 P-H EPA 365.1	SM 4500 P-F/ SM 4500 P-H	-----	-----
<b><u>Demands</u></b>				
Biochemical Oxygen Demand	SM 5210 B	SM 5210 B	-----	-----
Carbonaceous BOD	SM 5210 B	SM 5210 B	-----	-----
Chemical Oxygen Demand	EPA 410.4	-----	-----	-----
Total Organic Carbon	SM 5310 B	SM 5310 B	EPA 9060	EPA 9060
<b><u>Wet Chemistry</u></b>				
Alkalinity (as CaCO <sub>3</sub> )	SM 2320 B	SM 2320B	-----	-----
Bromide	EPA 300.0	-----	EPA 300.0/9056A	EPA 9056A
Chloride	EPA 300.0	EPA 300.0/9056	EPA 9056A	EPA 9056A
Cyanide	SM 4500 CN-E/ EAP 335.4	SM 4500 CN-E/ EAP 335.4	EPA 9012B	EPA 9012B
Available Cyanide	ASTM 6888-04/ 0IA-01677-09	ASTM 6888-04/ 0IA-01677-09	-----	-----
Fluoride	EPA 300.0	EPA 300.0/9056	EPA 9056A	EPA 9056A
Hardness	SM 2340B	SM 2340B	-----	-----
Hexavalent Chromium	-----	SM 3500 Cr-B	-----	EPA 3060A
pH	SM 4500-H <sup>+</sup> B	SM 4500-H <sup>+</sup> B	EPA 9040C/9041A	EPA 9045D
Oil and Grease	EPA 1664A	EPA 1664A	EPA 9071B	EPA 9071B
Phenols	EPA 420.1	EPA 420.1/9065	EPA 9065	EPA 9065
Total Residue	SM 2540 B	SM 2540 B	-----	-----

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			<u>Aqueous</u>	<u>Solid/Chemical</u>
Filterable Residue	SM 2540 C	SM 2540 C	-----	-----
Nonfilterable Residue	SM 2540 D	SM 2540 D	-----	-----
Specific Conductance (Conductivity)	EPA 120.1/ SM 2510B	EPA 120.1/ SM 2510B	EPA 9050A	EPA 9050A
Sulfate	EPA 300.0	EPA 300.0/9056	EPA 9056A	EPA 9056A
Turbidity	SM 2130 B	SM 2130 B	-----	-----
<b><u>Purgeable Organics (Volatiles)</u></b>				
Acetone	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Acrolein	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Acrylonitrile	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
tert-Amyl Ethyl Ether	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Benzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromochloromethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromodichloromethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
4-Bromofluorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromoform	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromomethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
n-Butylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
sec-Butylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
tert-Butylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
tert-Butyl Ethyl Ether	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Carbon Disulfide	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Carbon Tetrachloride	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chlorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chlorobenzene-d5	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Chloroethyl Vinyl Ether	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chloroform	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chloromethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Chlorotoluene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
4-Chlorotoluene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Cyclohexane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Dibromochloromethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dibromo-3-Chloropropane (DBCP)	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Dibromofluoromethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Dibromomethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2 Dibromomethane (EDB)	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
trans-1,4-Dichloro-2-Butene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
trans-1,4-Dichloroethene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dichlorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,3-Dichlorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,4-Dichlorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Dichlorodifluoromethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D

<b>Parameter/Analyte</b>	<b>Potable Water</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>	
			<b>Aqueous</b>	<b>Solid/Chemical</b>
1,1-Dichloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dichloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1-Dichloroethene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
cis-1,2-Dichloroethene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
trans-1,2-Dichloroethene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dichloropropane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,3-Dichloropropane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
2,2-Dichloropropane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1-Dichloropropene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
cis-1,3-Dichloropropene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
trans-1,3-Dichloropropene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Diethyl Ether	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,4-Difluorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl Benzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl Methacrylate	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Gas Range Organics (GRO)	-----	EPA 8015D	EPA 8260C/8260D	EPA 8260C/8260D
2-Hexanone	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Hexachlorobutadiene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Hexachloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Isopropylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
4-Isopropyltoluene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Iodomethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Isopropyl Ether	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methyl Acetate	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methylcyclohexane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methylene Chloride	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methyl Ethyl Ketone (MEK)	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Methylnaphthalene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
4-Methyl-2-Pentanone	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Methyl-2-Propanol (MIBK)	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methyl Tert Butyl Ether (MTBE)	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Naphthalene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Pentafluorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
n-Propylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Styrene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1,1,2-Tetrachloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1,2,2-Tetrachloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Tetrachloroethene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Tetrahydrofuran	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Toluene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Total Petroleum Hydrocarbons (TPH)	-----	EPA 1664A	EPA 1664A	EPA 9071A
1,1,2-Trichloro-1,2,2-Trifluoroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C
1,1,1-Trichloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1,2-Trichloroethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D

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			<u>Aqueous</u>	<u>Solid/Chemical</u>
Trichloroethene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Trichlorofluoromethane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2,3-Trichlorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2,4-Trichlorobenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2,3-Trichloropropane	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2,3-Trimethylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2,4-Trimethylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,3,5-Trimethylbenzene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Trihalomethanes	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Vinyl Acetate	-----	-----	-----	EPA 8260C/8260D
Vinyl Chloride	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
Xylenes, Total	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
m,p-Xylene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
o-Xylene	-----	EPA 624/624.1	EPA 8260C/8260D	EPA 8260C/8260D
<b><u>Extractable Organics (Semivolatiles)</u></b>				
Acenaphthene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Acenaphthylene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Acetophenone	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Aniline	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Anthracene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Atrazine	-----	-----	EPA 8270D/8270E	EPA 8270D/8270E
Benzaldehyde	-----	-----	EPA 8270D/8270E	EPA 8270D/8270E
Benzidine	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Benzoic Acid	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Benzo (a) Anthracene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Benzo (b) Fluoranthene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Benzo (k) Fluoranthene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Benzo (ghi) Perylene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Benzo (a) Pyrene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Benzyl Alcohol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
1,1-Biphenyl	-----	-----	EPA 8270D/8270E	EPA 8270D/8270E
Bis (2-chloroethoxy) Methane	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Bis (2-chloroethyl) Ether	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Bis (2-chloroisopropyl) Ether	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Bis (2-ethylhexyl) Phthalate	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
4-Bromophenyl Phenyl Ether	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Butyl Benzyl Phthalate	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Caprolactum	-----	-----	EPA 8270D/8270E	EPA 8270D/8270E
4-Chloroaniline	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
4-Chloro-3-Methylphenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2-Chloronaphthalene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2-Chlorophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
4-Chlorophenyl Phenyl Ether	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Chrysene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Cresols	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E

<b>Parameter/Analyte</b>	<b>Potable Water</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>	
			<b>Aqueous</b>	<b>Solid/Chemical</b>
Dibenzo (a,h) Anthracene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Dibenzofuran	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
1,2-Dichlorobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
1,3-Dichlorobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
1,4-Dichlorobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
3,3'-Dichlorobenzidine	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dichlorophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,6-Dichlorophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Diethyl Phthalate	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dimethylphenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Dimethyl Phthalate	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Di-n-butyl Phthalate	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Di-n-octyl Phthalate	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dinitrophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dinitrotoluene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,6-Dinitrotoluene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
1,4-Dioxane	-----	-----	EPA 8270D/8270E	EPA 8270D/8270E
DRO	-----	EPA 8015D	EPA 8015D	EPA 8015D
Fluoranthene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Fluorene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Hexachlorobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Hexachlorobutadiene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Hexachlorocyclopentadiene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Hexachloroethane	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Indeno (1,2,3-cd) Pyrene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Isophorone	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2-Methyl-4,6-Dinitrophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2-Methylnaphthalene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2-Methylphenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
4-Methylphenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Naphthalene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2-Nitroaniline	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
3-Nitroaniline	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
4-Nitroaniline	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Nitrobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2-Nitrophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
4-Nitrophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
N-Nitrosodi-n-propylamine	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
N-Nitrosodiphenylamine	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2, 2-oxybis(1-chloropropane)	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Pentachlorobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Pentachloronitobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Pentachlorophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Phenanthrene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Phenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E

<b>Parameter/Analyte</b>	<b>Potable Water</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>	
			<b>Aqueous</b>	<b>Solid/Chemical</b>
Polynuclear Aromatic Hydrocarbons (PAHs)	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Pyrene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
Tetrachlorobenzenes	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
1,2,4,5-Tetrachlorobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,3,4,5-Tetrachlorophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,4,6-Tribromophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
1,2,4-Trichlorobenzene	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,4,5-Trichlorophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
2,4,6-Trichlorophenol	-----	EPA 625/625.1	EPA 8270D/8270E	EPA 8270D/8270E
<b>Pesticides/Herbicides/PCBs</b>				
Aldrin	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
alpha-BHC	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
beta-BHC	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
delta-BHC	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
gamma-BHC	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Chlordane (technical)	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
4,4'-DDD	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
4,4'-DDE	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
4,4',-DDT	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Dieldrin	-----	EPA 608/8081B	EPA 8081A	EPA 8081A
Endosulfan I	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Endosulfan II	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Endosulfan Sulfate	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Endrin	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Endrin Aldehyde	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Endrin Ketone	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Heptachlor	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Heptachlor Epoxide	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Methoxychlor	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
PCB-1016 (Aroclor)	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1221	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1232	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1242	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1248	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1254	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1260	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1262	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
PCB-1268	-----	EPA 608/8082A	EPA 8082A	EPA 8082A
Toxaphene	-----	EPA 608/8081B	EPA 8081B	EPA 8081B
Hydrometer	-----	-----	-----	ASTM D422
Particle Size	-----	-----	-----	ASTM D693
White Phosphorus	-----	-----	EPA 7580	EPA 7580
<b>Characteristics</b>				



<b>Parameter/Analyte</b>	<b>Potable Water</b>	<b>Nonpotable Water</b>	<b>Solid Hazardous Waste</b>	
			<b>Aqueous</b>	<b>Solid/Chemical</b>
Corrosivity	-----	-----	EPA 9040C	SW846 Ch7/ 9040C/9045C
Ignitability	-----	-----	EPA 1010/1030	EPA 1010/1030
Paint Filter Liquids Test	-----	-----	EPA 9095A	EPA 9095A
Synthetic Precipitation Leaching Procedure (SPLP)	-----	-----	EPA 1312	EPA 1312
Toxicity Characteristic Leaching Procedure	-----	-----	EPA 1311	EPA 1311
<b>Preparation Methods</b>				
Metals	-----	-----	EPA 3010A/3020A	EPA 3050B
Purgeable Organics	-----	-----	EPA 5030B	EPA 5035
Extractable Organics	-----	-----	EPA 3510C	EPA 3545/3550C
“General”/Anions	-----	-----	EPA 5050	EPA 5050

<b>Parameter/Analyte</b>	<b>Potable Water</b>	<b>Nonpotable Water</b>	<b>Tissue</b>	<b>Solid Hazardous Waste</b>	
				<b>Aqueous</b>	<b>Solid/Chemical</b>
<u>11-Chloroeicosfluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OYUdS)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>1H,1H,2H,2H-Perfluorohexanesulfonate (4:2 FTS)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>9-Chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Tissue</u>	<u>Solid Hazardous Waste</u>	
				<u>Aqueous</u>	<u>Solid/Chemical</u>
<u>Dodecafluoro-3H-4,8-dioxanonoate (ADONA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>HFPO-DA (GEN X)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorobutanesulfonic acid (PFBS)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorobutanoic acid (PFBA)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorodecanesulfonate (PFDS)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorodecanoic acid (PFDA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Tissue</u>	<u>Solid Hazardous Waste</u>	
				<u>Aqueous</u>	<u>Solid/Chemical</u>
<u>Perfluorododecanoic acid (PFDoA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluoroheptanesulfonate (PFHpS)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluoroheptanoic acid (PFHpA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorohexanesulfonic acid (PFHxS)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorohexanoic acid (PFHxA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorononanesulfonate (PFNS)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorononanoic acid (PFNA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorooctanesulfonic acid (PFOS)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Tissue</u>	<u>Solid Hazardous Waste</u>	
				<u>Aqueous</u>	<u>Solid/Chemical</u>
<u>Perfluorooctanoic acid (PFOA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorooctansulfonamide (FOSA)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluoropentanesulfonate (PFPeS)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluoropentanoic acid (PFPeA)</u>	-----	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorotetradecanoic acid (PFTeDA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluorotridecanoic acid (PFTrDA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15
<u>Perfluoroundecanoic acid (PFUdA)</u>	EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15	PFAS by LCMSMS Compliant with QSM 5.3Table B-15



# Accredited Laboratory

A2LA has accredited

**RTI LABORATORIES, INC.**

*Livonia, MI*

for technical competence in the field of

**Environmental Testing**

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2017, the 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.3 of the DoD/DOE Quality System Manual for Environmental Laboratories (QSM), accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 27<sup>th</sup> day of January 2021.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 570.03  
Valid to October 31, 2022

*For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.*