



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ENVIRONMENTAL

Valid To: December 31, 2022

Certificate Number: 5000.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the DoD ELAP and DOE Consolidated Audit Program as detailed in version 5.3 of the DoD/DOE 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:

Gas Chromatography, High Pressure Liquid Chromatography/, Polarized light microscopy, Phase Contrast Microscopy, ICPAES, ICPMS, Ion Chromatography, GC/MS

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
Beryllium	NIOSH 7303 (Modified) in Air
Dimethylamine	OSHA 34 (Modified) in Air
Ethylamine	OSHA 36 (Modified) in Air
Formaldehyde and Other Carbonyl Compounds	EPA TO-11A in Air
Methylamine	OSHA 40 (Modified) in Air
Nitrosamines	NIOSH 2522 (Modified) in Air
Analysis of Halogenated Hydrocarbons in Air	
1,1,1,2-Tetrachloroethane	NIOSH 1003 (Modified)
1,1,1-Trichloroethane	NIOSH 1003 (Modified)
1,1,2,2-Tetrachloroethane	NIOSH 1003 (Modified)
1,1,2-Trichloroethane	NIOSH 1003 (Modified)
1,1-Dichloroethane	NIOSH 1003 (Modified)
1,2,3-Trichloropropane	NIOSH 1003 (Modified)
Benzyl Chloride	NIOSH 1003 (Modified)
Bromoform	NIOSH 1003 (Modified)
Carbon Tetrachloride	NIOSH 1003 (Modified)
Chlorobenzene	NIOSH 1003 (Modified)
Chlorobromomethane	NIOSH 1003 (Modified)

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
Chloroform	NIOSH 1003 (Modified)
cis-1,2-Dichloroethylene	NIOSH 1003 (Modified)
Ethylene Dichloride	NIOSH 1003 (Modified)
Hexachloroethane	NIOSH 1003 (Modified)
o-Dichlorobenzene	NIOSH 1003 (Modified)
p-Dichlorobenzene	NIOSH 1003 (Modified)
Tetrachloroethane	NIOSH 1003 (Modified)
trans-1,2-Dichloroethylene	NIOSH 1003 (Modified)
Trichloroethane	NIOSH 1003 (Modified)
Analysis of Ketones in Air	
2,3-Pentanedione	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 NIOSH 2555
2,6-Dimethyl-4-heptanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
2-Butanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
2-Heptanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
2-Hexanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
2-Octanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
2-Pentanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
3-Heptanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
4-Methyl-2-Pentanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
5-Methyl-3-Heptanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
6-Methyl-2-Heptanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Acetone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Camphor	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Cyclohexanone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Diisobutyl Ketone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Ethyl Butyl Ketone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Mesityl Oxide	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Methyl Isobutyl Ketone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Methyl Vinyl Ketone	NIOSH 1300 (Modified) NIOSH 1301 (Modified) NIOSH 2553 (Modified) NIOSH 2555 (Modified)
Analysis of Nitriles in Air	
Acetonitrile	NIOSH 1301 (Modified)
Heptanenitrile	NIOSH 1301 (Modified)
Hexanenitrile	NIOSH 1301 (Modified)
Propanitrile	NIOSH 1301 (Modified)
Pentanitrile	NIOSH 1301 (Modified)



<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
Butanenitrile	NIOSH 1301 (Modified)
Analysis of Alcohols in Air	
Ethanol	NIOSH 1400 (Modified)
Isopropyl Alcohol	NIOSH 1400 (Modified)
tert-Butyl Alcohol	NIOSH 1400 (Modified)
Methanol	OSHA 91 (Modified)
Esters 1 in Air	
2-Ethoxyethyl	NIOSH 1450 (Modified)
Biphenyl	NIOSH 1450 (Modified)
Ethyl Acetate	NIOSH 1450 (Modified)
Ethyl Acrylate	NIOSH 1450 (Modified)
Ethyl Formate	NIOSH 1450 (Modified)
Isoamyl Acetate	NIOSH 1450 (Modified)
Isobutyl Acetate	NIOSH 1450 (Modified)
Methyl Butyrate	NIOSH 1450 (Modified)
Methyl Isoamyl Acetate	NIOSH 1450 (Modified)
n-Amyl Acetate	NIOSH 1450 (Modified)
n-Butyl Acetate	NIOSH 1450 (Modified)
n-Propyl Acetate	NIOSH 1450 (Modified)
sec-Amyl Acetate	NIOSH 1450 (Modified)
sec-Butyl Acetate	NIOSH 1450 (Modified)
tert-Butyl Acetate	NIOSH 1450 (Modified)
Analysis of Aliphatic Hydrocarbons in Air	
Cyclohexane	NIOSH 1500 (Modified)
Cyclohexene	NIOSH 1500 (Modified)
Cyclopentane	NIOSH 1500 (Modified)
Methylcyclohexane	NIOSH 1500 (Modified)
Methylcyclopentane	NIOSH 1500 (Modified)
n-Decane	NIOSH 1500 (Modified)
n-Dodecane	NIOSH 1500 (Modified)
n-Heptane	NIOSH 1500 (Modified)
n-Hexane	NIOSH 1500 (Modified)
n-Nonane	NIOSH 1500 (Modified)
n-Octane	NIOSH 1500 (Modified)
1,3,5-Triethylcyclohexane	NIOSH 1500 (Modified)
1-Octane	NIOSH 1500 (Modified)
4-Methylcyclohexane	NIOSH 1500 (Modified)
Cis-1,2-Dimethylcyclohexane	NIOSH 1500 (Modified)
Hexadecane	NIOSH 1500 (Modified)
n-Pentane	NIOSH 1500 (Modified)

Parameter/Analyte	Test Method(s)
n-Undecane	NIOSH 1500 (Modified)
2,2,4-Trimethylcycloheptane	NIOSH 1500 (Modified)
Analysis of Aromatic Hydrocarbons in Air	
2,4-Dimethylpyridine	NIOSH 1613 (Modified)
Benzene	NIOSH 1501 (Modified)
Cumene	NIOSH 1501 (Modified)
Ethylbenzene	NIOSH 1501 (Modified)
Methanol	NIOSH 2000 (Modified)
m-Xylene	NIOSH 1501 (Modified)
o-Xylene	NIOSH 1501 (Modified)
p-xylene	NIOSH 1501 (Modified)
p-tert-Butyltoluene	NIOSH 1501 (Modified)
Pyridine	NIOSH 1613 (Modified)
Styrene	NIOSH 1501 (Modified)
Toluene	NIOSH 1501 (Modified)
α -Methylstyrene	NIOSH 1501 (Modified)
β -Methylstyrene	NIOSH 1501 (Modified)
Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling on to Sorbent Tubes	
1,1,1-Trichloroethane	EPA TO-17
1,1,2,2-Tetrachloroethane	EPA TO-17
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA TO-17
1,1,2-Trichloroethane	EPA TO-17
1,1-Dichloroethane	EPA TO-17
1,1-Dichloroethene	EPA TO-17
1,2,4-Trichlorobenzene	EPA TO-17
1,2,4-Trimethylbenzene	EPA TO-17
1,2-Dibromoethane	EPA TO-17
1,2-Dichloro-1,1,2,2-tetrafluoroethane	EPA TO-17
1,2-Dichlorobenzene	EPA TO-17
1,2-Dichloroethane	EPA TO-17
1,2-Dichloropropane	EPA TO-17
1,3,5-Trimethylbenzene	EPA TO-17
1,3-Butadiene	EPA TO-17
1,3-Dichlorobenzene	EPA TO-17
1,4-Dichlorobenzene	EPA TO-17
1,4-Dioxane	EPA TO-17
2,2,4-Trimethylpentane	EPA TO-17
2-Butanone (MEK)	EPA TO-17
2-Chlorotoluene	EPA TO-17
2-Hexanone	EPA TO-17

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
3-Chloropropene	EPA TO-17
4-Ethyltoluene	EPA TO-17
Acrolein	EPA TO-17
Benzene	EPA TO-17
Benzyl Chloride	EPA TO-17
Bromodichloromethane	EPA TO-17
Bromoform	EPA TO-17
Bromomethane	EPA TO-17
Carbon Disulfide	EPA TO-17
Carbon Tetrachloride	EPA TO-17
Chlorobenzene	EPA TO-17
Chloroethane	EPA TO-17
Chloroethene	EPA TO-17
Chloroform	EPA TO-17
Chloromethane	EPA TO-17
cis-1,2-Dichloroethene	EPA TO-17
cis-1,3-Dichloropropene	EPA TO-17
Cumene	EPA TO-17
Cyclohexane	EPA TO-17
Dibromochloromethane	EPA TO-17
Dichlorodifluoromethane (F12)	EPA TO-17
Ethanol	EPA TO-17
Ethyl Acetate	EPA TO-17
Ethylbenzene	EPA TO-17
Heptane	EPA TO-17
Hexachloro-1,3-butadiene	EPA TO-17
Hexane	EPA TO-17
Isopropanol	EPA TO-17
m,p-Xylene	EPA TO-17
Methyl isobutyl ketone (MIBK)	EPA TO-17
Methylene Chloride (Dichloromethane)	EPA TO-17
Methylmethacrylate	EPA TO-17
Methyl-t-butyl ether (MTBE)	EPA TO-17
n-Butane	EPA TO-17
Nonane	EPA TO-17
n-Pentane	EPA TO-17
n-Propylbenzene	EPA TO-17
o-Xylene	EPA TO-17
Propene	EPA TO-17
Styrene	EPA TO-17

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
t-Butyl alcohol	EPA TO-17
Tetrachloroethylene	EPA TO-17
Tetrahydrofuran	EPA TO-17
Toluene	EPA TO-17
trans-1,2-Dichloroethene	EPA TO-17
trans-1,3-Dichloropropene	EPA TO-17
Trichlorethylene	EPA TO-17
Trichlorofluoromethane (F11)	EPA TO-17
Vinyl Acetate	EPA TO-17
Vinyl Bromide	EPA TO-17
Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially Prepared Canisters	
1,1,1-Trichloroethane	EPA TO-15
1,1,2,2-Tetrachloroethane	EPA TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-15
1,1-Dichloroethane	EPA TO-15
1,1-Dichloroethene	EPA TO-15
1,2,4-Trichlorobenzene	EPA TO-15
1,2,4-Trimethylbenzene	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	EPA TO-15
1,2-Dichlorobenzene	EPA TO-15
1,2-Dichloroethane	EPA TO-15
1,2-Dichloropropane	EPA TO-15
1,3,5-Trimethylbenzene	EPA TO-15
1,3-Butadiene	EPA TO-15
1,3-Dichlorobenzene	EPA TO-15
1,4-Dichlorobenzene	EPA TO-15
1,4-Dioxane	EPA TO-15
2-Butanone (MEK)	EPA TO-15
2-Chlorotoluene	EPA TO-15
2-Hexanone	EPA TO-15
2-Methyl-2-propanol	EPA TO-15
3-Chloro-1-propene	EPA TO-15
4-Ethyltoluene	EPA TO-15
Acetone	EPA TO-15
Acrolein	EPA TO-15
Benzene	EPA TO-15
Benzyl chloride	EPA TO-15
Bromodichloromethane	EPA TO-15

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
Bromoethene	EPA TO-15
Bromoform	EPA TO-15
Bromomethane	EPA TO-15
Butane	EPA TO-15
Carbon Disulfide	EPA TO-15
Carbon Tetrachloride	EPA TO-15
Chlorobenzene	EPA TO-15
Chloroethane	EPA TO-15
Chloroethene	EPA TO-15
Chloroform	EPA TO-15
Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-15
Cyclohexane	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane (Freon 12)	EPA TO-15
Ethanol	EPA TO-15
Ethyl Acetate	EPA TO-15
Ethylbenzene	EPA TO-15
Heptane	-----
Hexachloro-1,3-butadiene	EPA TO-15
Hexane	EPA TO-15
Isooctane	EPA TO-15
Isopropanol	EPA TO-15
Isopropyl benzene (Cumene)	EPA TO-15
m,p-Xylene	EPA TO-15
Methyl isobutyl ketone (MIBK)	EPA TO-15
Methylene Chloride (Dichloromethane)	EPA TO-15
Methylmethacrylate	EPA TO-15
Methyl-t-butyl ether (MTBE)	EPA TO-15
Nonane	EPA TO-15
o-Xylene	EPA TO-15
Pentane	EPA TO-15
Propene	EPA TO-15
Propylbenzene	EPA TO-15
Styrene	EPA TO-15
Tetrachloroethylene	EPA TO-15
Tetrahydrofuran	EPA TO-15
Toluene	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
trans-1,3-Dichloropropene	EPA TO-15
Trichlorethylene	EPA TO-15
Trichlorofluoromethane, F-11	EPA TO-15
Vinyl Acetate	EPA TO-15
RCRA Metals in Non-Potable Water and Solids	
Acid Digestion of Sediments, Sludges, and Soils	EPA 3050B
Acid Digestion of Water	EPA 3005A
Aluminum	EPA 6020B
Antimony	EPA 6020B
Arsenic	EPA 6020B
Barium	EPA 6020B
Beryllium	EPA 6020B
Boron	EPA 6020B
Cadmium	EPA 6020B
Calcium	EPA 6010C EPA 6020B
Chromium	EPA 6020B
Cobalt	EPA 6020B
Copper	EPA 6020B
Iron	EPA 6020B
Lead	EPA 6020B
Magnesium	EPA 6010C EPA 6020B
Manganese	EPA 6020B
Mercury	EPA 6020B
Molybdenum	EPA 6020B
Nickel	EPA 6020B
Potassium	EPA 6010C EPA 6020B
Selenium	EPA 6020B
Silver	EPA 6020B
Sodium	EPA 6010C EPA 6020B
Strontium	EPA 6020B
Thallium	EPA 6020B
Tin	EPA 6020B
Titanium	EPA 6020B
Uranium	EPA 6020B
Vanadium	EPA 6020B
Zinc	EPA 6020B
Phthalates in air	
Bis(2-methoxyethyl)phthalate	NIOSH 5020 (Modified)



<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
Bis(4-methyl-2-pentyl)phthalate	NIOSH 5020 (Modified)
Diethylphthalate	NIOSH 5020 (Modified)
Diisobutyl phthalate	NIOSH 5020 (Modified)
Dimethylphthalate	NIOSH 5020 (Modified)
Di-n-butylphthalate	NIOSH 5020 (Modified)
Bis(2-ethoxyethyl)phthalate	NIOSH 5020 (Modified)
Dipentylphthalate	NIOSH 5020 (Modified)
Di-n-hexal phthalate	NIOSH 5020 (Modified)
Benzyl butyl phthalate	NIOSH 5020 (Modified)
Bis(2-n-butoxyethyl)phthalate	NIOSH 5020 (Modified)
Dicyclohexyl phthalate	NIOSH 5020 (Modified)
Bis(2-ethylhexyl)phthalate	NIOSH 5020 (Modified)
Di-n-octyl phthalate	NIOSH 5020 (Modified)
Di-nonyl phthalate	NIOSH 5020 (Modified)
Asbestos in Air and Bulk Solids	
Asbestos by PCM	NIOSH 7903 in Air
Asbestos by PLM	EPA 600/R-93/116 in Bulk Solids
Metals in Air Filters	
Aluminum	NIOSH 7303
Antimony	NIOSH 7303
Arsenic	NIOSH 7303
Barium	NIOSH 7303
Beryllium	NIOSH 7303
Boron	NIOSH 7303
Cadmium	NIOSH 7303
Calcium	NIOSH 7303
Chromium	NIOSH 7303
Cobalt	NIOSH 7303
Copper	NIOSH 7303
Hexavalent Chromium	NIOSH 7303
Iron	NIOSH 7303
Lead	NIOSH 7303
Magnesium	NIOSH 7303
Manganese	NIOSH 7303
Mercury	NIOSH 7303
Molybdenum	NIOSH 7303
Nickel	NIOSH 7303
Potassium	NIOSH 7303
Selenium	NIOSH 7303
Silver	NIOSH 7303

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
Sodium	NIOSH 7303
Strontium	NIOSH 7303
Thallium	NIOSH 7303
Tin	NIOSH 7303
Titanium	NIOSH 7303
Uranium	NIOSH 7303
Vanadium	NIOSH 7303
Zinc	NIOSH 7303
Miscellaneous Analytes	
Conductivity in Non-Potable Water	EPA 120.1 SM 2510
pH in Non-Potable Water and soil	SM 4500H EPA 9045D
Turbidity in Non-Potable Water	SM 2130 EPA 180.1
Alkalinity in Non-Potable Water	EPA 310.1 SM 2320 B
Total Dust in Air	NIOSH 0500
Hexavalent Chromium in Non-Potable Water and Solids	EPA 7196A (Modified)
Hexavalent Chromium in Non-Potable Water	SM3500 Cr B (Modified)
Acid Analysis in Air	
Hydrofluoric Acid	NIOSH 7903, 7906
Hydrochloric Acid	NIOSH 7903, 7907
Hydrobromic Acid	NIOSH 7903, 7907
Nitric Acid	NIOSH 7903, 7907
Sulfuric Acid	NIOSH 7903, 7908
Phosphoric Acid	NIOSH 7903, 7908
Geotechnical Analysis in Soil	
Carbonate Content in Soil	ASTM D4373-02 (2007)
Hydraulic Conductivity of Saturated Porous Materials	ASTM D5084-16
Particle Size in Soil	ASTM D422/ -63 (2007)
Permeability of Granular Soils	ASTM D2434-68 (2006)
Soil Density	ASTM D2937-04
Specific Gravity Soil Solids	ASTM D854-06
Moisture Content	ASTM D2216-10
Anions in Non-Potable Water and Solids	
Fluoride	EPA 300.0/9056A
Chloride	EPA 300.0/9056A
Nitrite	EPA 300.0/9056A
Bromide	EPA 300.0/9056A
Nitrate	EPA 300.0/9056A
Phosphate	EPA 300.0/9056A
Sulfate	EPA 300.0/9056A

Analyte	Non-Potable	Solid Hazardous Waste	
		Aqueous	Solids
Semi-volatile Organic Compounds			
1,2,4-Trichlorobenzene	EPA 625	SW-846 8270E	SW-8270E
1,2-Dichlorobenzene	EPA 625	SW-846 8270E	SW-8270E
1,2-Dinitrobenzene	EPA 625	SW-846 8270E	SW-8270E
1,2-Diphenylhydrazine	EPA 625	SW-846 8270E	SW-8270E
1,3-Dichlorobenzene	EPA 625	SW-846 8270E	SW-8270E
1,3-Dinitrobenzene	EPA 625	SW-846 8270E	SW-8270E
1,4-Dichlorobenzene	EPA 625	SW-846 8270E	SW-8270E
1,4-Dinitrobenzene	EPA 625	SW-846 8270E	SW-8270E
1-Methylnaphthalene	EPA 625	SW-846 8270E	SW-8270E
2,3,4,6-Tetrachlorophenol	EPA 625	SW-846 8270E	SW-8270E
2,3,5,6-Tetrachlorophenol	EPA 625	SW-846 8270E	SW-8270E
2,4,5-Trichlorophenol	EPA 625	SW-846 8270E	SW-8270E
2,4,6-Trichlorophenol	EPA 625	SW-846 8270E	SW-8270E
2,4-Dichlorophenol	EPA 625	SW-846 8270E	SW-8270E
2,4-Dimethylphenol	EPA 625	SW-846 8270E	SW-8270E
2,4-Dinitrophenol	EPA 625	SW-846 8270E	SW-8270E
2,4-Dinitrotoluene	EPA 625	SW-846 8270E	SW-8270E
2,6-Dinitrotoluene	EPA 625	SW-846 8270E	SW-8270E
2-Chloronaphthalene	EPA 625	SW-846 8270E	SW-8270E
2-Chlorophenol	EPA 625	SW-846 8270E	SW-8270E
2-Methyl-4,6-Dinitrophenol	EPA 625	SW-846 8270E	SW-8270E
2-Methylnaphthalene	EPA 625	SW-846 8270E	SW-8270E
2-Methylphenol	EPA 625	SW-846 8270E	SW-8270E
2-Nitroaniline	EPA 625	SW-846 8270E	SW-8270E
2-Nitrophenol	EPA 625.1	SW-846 8270E	SW-8270E
3/4-Methylphenol	EPA 625	SW-846 8270E	SW-8270E
3-Nitroaniline	EPA 625	SW-846 8270E	SW-8270E
4-Bromophenyl phenyl ether	EPA 625	SW-846 8270E	SW-8270E
4-Chloro-3-methylphenol	EPA 625	SW-846 8270E	SW-8270E
4-Chloroaniline	EPA 625	SW-846 8270E	SW-8270E
4-Chlorophenyl phenyl ether	EPA 625	SW-846 8270E	SW-8270E
4-Nitroaniline	EPA 625	SW-846 8270E	SW-8270E
4-Nitrophenol	EPA 625	SW-846 8270E	SW-8270E
Acenaphthene	EPA 625	SW-846 8270E	SW-8270E
Acenaphthylene	EPA 625	SW-846 8270E	SW-8270E
Aniline	EPA 625	SW-846 8270E	SW-8270E
Anthracene	EPA 625	SW-846 8270E	SW-8270E
Azobenzene	EPA 625	SW-846 8270E	SW-8270E
Benz(a)anthracene	EPA 625	SW-846 8270E	SW-8270E

Analyte	Non-Potable	Solid Hazardous Waste	
		Aqueous	Solids
Benzidine	EPA 625	SW-846 8270E	SW-8270E
Benzo(a)pyrene	EPA 625	SW-846 8270E	SW-8270E
Benzo(b)fluoranthene	EPA 625	SW-846 8270E	SW-8270E
Benzo-(g,h,i)perylene	EPA 625	SW-846 8270E	SW-8270E
Benzo(k)fluoranthene	EPA 625	SW-846 8270E	SW-8270E
Benzoic Acid	EPA 625	SW-846 8270E	SW-8270E
Benzyl Alcohol	EPA 625	SW-846 8270E	SW-8270E
bis(2-Chloroethoxy)methane	EPA 625	SW-846 8270E	SW-8270E
bis-(2-Chloroethyl)ether	EPA 625	SW-846 8270E	SW-8270E
bis(2-Chloroisopropyl)ether	EPA 625	SW-846 8270E	SW-8270E
Bis(2-ethylhexyl)adipate	EPA 625	SW-846 8270E	SW-8270E
Bis(2-Ethylhexyl)phthalate	EPA 625	SW-846 8270E	SW-8270E
Butyl benzyl phthalate	EPA 625	SW-846 8270E	SW-8270E
Carbazole	EPA 625	SW-846 8270E	SW-8270E
Chrysene	EPA 625	SW-846 8270E	SW-8270E
Dibenz(a,h)anthracene	EPA 625	SW-846 8270E	SW-8270E
Dibenzofuran	EPA 625	SW-846 8270E	SW-8270E
Diethylphthalate	EPA 625	SW-846 8270E	SW-8270E
Dimethylphthalate	EPA 625	SW-846 8270E	SW-8270E
Di-n-Butyl-phthalate	EPA 625	SW-846 8270E	SW-8270E
Di-n-Octyl-phthalate	EPA 625	SW-846 8270E	SW-8270E
Diphenylamine	EPA 625	SW-846 8270E	SW-8270E
Fluoranthene	EPA 625	SW-846 8270E	SW-8270E
Fluorene	EPA 625	SW-846 8270E	SW-8270E
Hexachlorobenzene	EPA 625	SW-846 8270E	SW-8270E
Hexachlorobutadiene	EPA 625	SW-846 8270E	SW-8270E
Hexachlorocyclopentadiene	EPA 625	SW-846 8270E	SW-8270E
Hexachloroethane	EPA 625	SW-846 8270E	SW-8270E
Indeno(1,2,3-cd)pyrene	EPA 625	SW-846 8270E	SW-8270E
Isophorone	EPA 625	SW-846 8270E	SW-8270E
Naphthalene	EPA 625	SW-846 8270E	SW-8270E
Nitrobenzene	EPA 625	SW-846 8270E	SW-8270E
N-Nitrosodimethylamine	EPA 625	SW-846 8270E	SW-8270E
N-Nitrosodi-n-propylamine	EPA 625	SW-846 8270E	SW-8270E
N-Nitrosodiphenylamine	EPA 625	SW-846 8270E	SW-8270E
Pentachlorophenol	EPA 625	SW-846 8270E	SW-8270E
Phenanthrene	EPA 625	SW-846 8270E	SW-8270E
Phenol	EPA 625	SW-846 8270E	SW-8270E
Pyrene	EPA 625	SW-846 8270E	SW-8270E
Pyridine	EPA 625	SW-846 8270E	SW-8270E

Analyte	Non-Potable	Solid Hazardous Waste	
		Aqueous	Solids
Pesticides			
4,4'-DDD	EPA 608	SW-846 8081B	SW-846 8081B
4,4'-DDE	EPA 608	SW-846 8081B	SW-846 8081B
4,4'-Methoxychlor	EPA 608	SW-846 8081B	SW-846 8081B
4,4'-DDT	EPA 608	SW-846 8081B	SW-846 8081B
Aldrin	EPA 608	SW-846 8081B	SW-846 8081B
alpha-BHC	EPA 608	SW-846 8081B	SW-846 8081B
cis-Chlordane	EPA 608	SW-846 8081B	SW-846 8081B
delta-BHC	EPA 608	SW-846 8081B	SW-846 8081B
Dieldrin	EPA 608	SW-846 8081B	SW-846 8081B
Endosulfan I	EPA 608	SW-846 8081B	SW-846 8081B
Endosulfan II	EPA 608	SW-846 8081B	SW-846 8081B
Endosulfan sulfate	EPA 608	SW-846 8081B	SW-846 8081B
Endrin	EPA 608	SW-846 8081B	SW-846 8081B
Endrin Aldehyde	EPA 608	SW-846 8081B	SW-846 8081B
Endrin ketone	EPA 608	SW-846 8081B	SW-846 8081B
gamma-BHC	EPA 608	SW-846 8081B	SW-846 8081B
Heptachlor	EPA 608	SW-846 8081B	SW-846 8081B
Heptachlor Epoxide	EPA 608	SW-846 8081B	SW-846 8081B
trans-chlordane	EPA 608	SW-846 8081B	SW-846 8081B
Toxaphene	EPA 608	SW-846 8081B	SW-846 8081 B
PCBs			
Aroclor 1016	EPA 608	SW-846 8082B	SW-846 8082B
Aroclor 1221	EPA 608	SW-846 8082B	SW-846 8082B
Aroclor 1232	EPA 608	SW-846 8082B	SW-846 8082B
Aroclor 1242	EPA 608	SW-846 8082B	SW-846 8082B
Aroclor 1248	EPA 608	SW-846 8082B	SW-846 8082B
Aroclor 1254	EPA 608	SW-846 8082B	SW-846 8082B
Aroclor 1260	EPA 608	SW-846 8082B	SW-846 8082B
Nonhalogenated Organics			
DROs	SW 846-8015D	-----	SW 846-8015D
Low Level PAH			
Acenaphthene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Acenaphthylene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Anthracene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Benzo(a)anthracene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Benzo(b)fluoranthene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM

Analyte	Non-Potable	Solid Hazardous Waste	
		Aqueous	Solids
Benzo(k)fluoranthene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Benzo(g,h,i)perylene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Benzo(a)pyrene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Chrysene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Dibenz(a,h)anthracene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Floranthene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Fluorene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Indeno(1,2,3-cd)pyrene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Naphthalene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Phenanthrene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM
Pyrene	EPA 625 EPA 8270E SIM	-----	EPA 8270E SIM

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

<u>Parameter/Analyte</u>	<u>Test Method(s)</u>
Acetone	EPA TO-17



Accredited Laboratory

A2LA has accredited

RJLEE GROUP CBAL

Pasco, WA

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, the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP), and the Department of Defense Consolidated Audit Program (DOECAP) 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 15th day of March 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 5000.01
Valid to December 31, 2022

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