



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ENVIRONMENTAL

Valid To: October 31, 2025

Certificate Number: 2926.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on dietary supplements, food products, and animal feed stocks:

Chemical Tests – Non-environmental testing

<u>Test</u>	<u>Test Method(s)</u>
PCB Congeners	EPA 1668A
Dioxins and Furans	EPA 1613B EPA 8290A

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following test and in the analyte category identified below:

<u>Parameter/Analyte</u>	<u>Tissue</u>
<u>Per- and Polyfluoroalkyl Substances (PFAS)</u>	
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
N-Ethylperfluorooctane sulfonamide ethanol (EtFOSE)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4

<u>Parameter/Analyte</u>	<u>Tissue</u>
N-Methyl perfluorooctane sulfonamido acetic acid (NMeFOSAA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
N-Methylperfluorooctane sulfonamide (MeFOSA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorobutane sulfonic acid (PFBS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorobutanoic acid (PFBA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorodecane sulfonic acid (PFDS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorodecanoic acid (PFDA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorododecane sulfonic acid (PFDoS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorododecanoic acid (PFDOA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluoroheptane sulfonic acid (PFHpS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluoroheptanoic acid (PFHpA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorohexadecanoic acid (PFHxDA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorohexane sulfonic acid (PFHxS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorohexanoic acid (PFHxA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorononane sulfonic acid (PFNS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorononanoic acid (PFNA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorooctadecanoic acid (PFODA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorooctane sulfonamide (PFOSAm)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorooctane sulfonic acid (PFOS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorooctanoic acid (PFOA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluoropentane sulfonic acid (PFPeS)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluoropentanoic acid (PFPeA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorotetradecanoic acid (PFTDA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluorotridecanoic acid (PFTrDA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4
Perfluoroundecanoic acid (PFUnDA)	PFAS by LCMSMS Compliant with Table B-15 of the DoD/DOE QSM V5.4

Environmental Tests

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 2016 and 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.4 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: Gas Chromatography/Mass Spectrometry, High Resolution Gas Chromatography/Mass Spectrometry

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
<u>Extractable Organics</u>				
2,3,7,8-TCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
2,3,7,8-TCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8-PeCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
2,3,4,7,8-PeCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8-PeCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,7,8-HxCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,6,7,8-HxCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
2,3,4,6,7,8-HxCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8,9-HxCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,7,8-HxCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,6,7,8-HxCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8,9-HxCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,6,7,8-HpCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,7,8,9-HpCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,6,7,8-HpCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
OCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
OCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total HpCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total HpCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
Total HxCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total HxCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total PeCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total PeCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total TCDD	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total TCDF	-----	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A

<u>Parameter/Analyte</u>	<u>PCB</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
<u>Extractable Organics</u>				
<u>PCB Congeners</u>				
2-Chlorobiphenyl	PCB-1	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3-Chlorobiphenyl	PCB-2	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
4-Chlorobiphenyl	PCB-3	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2'-Dichlorobiphenyl	PCB-4	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,6-Dichlorobiphenyl	PCB-10	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,5-Dichlorobiphenyl	PCB-9	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4-Dichlorobiphenyl	PCB-7	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3'-Dichlorobiphenyl	PCB-6	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3-Dichlorobiphenyl	PCB-5	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4'-Dichlorobiphenyl	PCB-8	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,5-Dichlorobiphenyl	PCB-14	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3'-Dichlorobiphenyl	PCB-11	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(13/12)	PCB-(13/12)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
4,4'-Dichlorobiphenyl	PCB-15	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',6-Trichlorobiphenyl	PCB-19	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(30/18)	PCB-(30/18)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4-Trichlorobiphenyl	PCB-17	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',6-Trichlorobiphenyl	PCB-27	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,6-Trichlorobiphenyl	PCB-24	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3-Trichlorobiphenyl	PCB-16	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4',6-Trichlorobiphenyl	PCB-32	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,5-Trichlorobiphenyl	PCB-34	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,5-Trichlorobiphenyl	PCB-23	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(26/29)	PCB-(26/29)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4-Trichlorobiphenyl	PCB-25	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4',5-Trichlorobiphenyl	PCB-31	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(28/20)	PCB-(28/20)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

<u>Parameter/Analyte</u>	<u>PCB</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
PCB-(21/33)	PCB-(21/33)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4'-Trichlorobiphenyl	PCB-22	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',5-Trichlorobiphenyl	PCB-36	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4',5-Trichlorobiphenyl	PCB-39	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4,5-Trichlorobiphenyl	PCB-38	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4-Trichlorobiphenyl	PCB-35	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4,4'-Trichlorobiphenyl	PCB-37	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',6,6'-Tetrachlorobiphenyl	PCB-54	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(50/53)	PCB-(50/53)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(45/51)	PCB-(45/51)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,6'-Tetrachlorobiphenyl	PCB-46	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',5,5'-Tetrachlorobiphenyl	PCB-52	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',5',6-Tetrachlorobiphenyl	PCB-(73/43)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(69/49)	PCB-(69/49)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,5-Tetrachlorobiphenyl	PCB-48	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(44/47/65)	PCB-(44/47/65)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(59/62/75)	PCB-(59/62/75)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4'-Tetrachlorobiphenyl	PCB-42	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(41/40/71)	PCB-(41/40/71)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4',6-Tetrachlorobiphenyl	PCB-64	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',5,5'-Tetrachlorobiphenyl	PCB-72	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,5'-Tetrachlorobiphenyl	PCB-68	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5-Tetrachlorobiphenyl	PCB-57	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5'-Tetrachlorobiphenyl	PCB-58	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,5-Tetrachlorobiphenyl	PCB-67	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4',5-Tetrachlorobiphenyl	PCB-63	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(61/70/74/76)	PCB-(61/70/74/76)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4'-Tetrachlorobiphenyl	PCB-66	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4-Tetrachlorobiphenyl	PCB-55	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4'-Tetrachlorobiphenyl	PCB-56	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,4'-Tetrachlorobiphenyl	PCB-60	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',5,5'-Tetrachlorobiphenyl	PCB-80	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,5'-Tetrachlorobiphenyl	PCB-79	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,5-Tetrachlorobiphenyl	PCB-78	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4,4',5-Tetrachlorobiphenyl	PCB-81	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,4'-Tetrachlorobiphenyl	PCB-77	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,6,6'-Pentachlorobiphenyl	PCB-104	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,6,6'-Pentachlorobiphenyl	PCB-96	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,5',6-Pentachlorobiphenyl	PCB-103	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,6'-Pentachlorobiphenyl	PCB-94	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

<u>Parameter/Analyte</u>	<u>PCB</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
2,2',3,5',6-Pentachlorobiphenyl	PCB-95	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(100/93/102/98)	PCB-(100/93/102/98)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(88/91)	PCB-(88/91)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',6-Pentachlorobiphenyl	PCB-84	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,6'-Pentachlorobiphenyl	PCB-89	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,5',6-Pentachlorobiphenyl	PCB-121	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,5'-Pentachlorobiphenyl	PCB-92	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(113/90/101)	PCB-(113/90/101)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5-Pentachlorobiphenyl	PCB-83	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',5-Pentachlorobiphenyl	PCB-99	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5,6-Pentachlorobiphenyl	PCB-112	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(108/119/86/97/125/87)	PCB-(108/119/86/97/125/87)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(117/116/85)	PCB-(117/116/85)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(110/115)	PCB-(110/115)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4-Pentachlorobiphenyl	PCB-82	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5,5'-Pentachlorobiphenyl	PCB-111	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,5,5'-Pentachlorobiphenyl	PCB-120	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(107/124)	PCB-(107/124)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,6-Pentachlorobiphenyl	PCB-109	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4',5'-Pentachlorobiphenyl	PCB-123	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5-Pentachlorobiphenyl	PCB-106	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4',5-Pentachlorobiphenyl	PCB-118	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',5'-Pentachlorobiphenyl	PCB-122	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,4',5-Pentachlorobiphenyl	PCB-114	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4'-Pentachlorobiphenyl	PCB-105	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,5,5'-Pentachlorobiphenyl	PCB-127	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,4',5-Pentachlorobiphenyl	PCB-126	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',6,6'-Hexachlorobiphenyl	PCB-155	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,6,6'-Hexachlorobiphenyl	PCB-152	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',6,6'-Hexachlorobiphenyl	PCB-150	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',6,6'-Hexachlorobiphenyl	PCB-136	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,6,6'-Hexachlorobiphenyl	PCB-145	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,6'-Hexachlorobiphenyl	PCB-148	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(151/135)	PCB-(151/135)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',5,6'-Hexachlorobiphenyl	PCB-154	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5',6-Hexachlorobiphenyl	PCB-144	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(147/149)	PCB-(147/149)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

<u>Parameter/Analyte</u>	<u>PCB</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
PCB-(134/143)	PCB-(134/143)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(139/140)	PCB-(139/140)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,6-Hexachlorobiphenyl	PCB-131	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,6-Hexachlorobiphenyl	PCB-142	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,6'-Hexachlorobiphenyl	PCB-132	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,5'-Hexachlorobiphenyl	PCB-133	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5,5',6-Hexachlorobiphenyl	PCB-165	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,5'-Hexachlorobiphenyl	PCB-146	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5',6-Hexachlorobiphenyl	PCB-161	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(153/168)	PCB-(153/168)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,5'-Hexachlorobiphenyl	PCB-141	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5'-Hexachlorobiphenyl	PCB-130	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5-Hexachlorobiphenyl	PCB-137	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',5',6-Hexachlorobiphenyl	PCB-164	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(138/163/129)	PCB-(138/163/129)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5,6-Hexachlorobiphenyl	PCB-160	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',6-Hexachlorobiphenyl	PCB-158	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(128/166)	PCB-(128/166)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5,5'-Hexachlorobiphenyl	PCB-159	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',5,5'-Hexachlorobiphenyl	PCB-162	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(156/157)	PCB-(156/157)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,4',5,5'-Hexachlorobiphenyl	PCB-169	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4',5,5'-Hexachlorobiphenyl	PCB-167	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,6,6'-Heptachlorobiphenyl	PCB-188	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,6,6'-Heptachlorobiphenyl	PCB-179	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',6,6'-Heptachlorobiphenyl	PCB-184	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,6,6'-Heptachlorobiphenyl	PCB-176	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,6'-Heptachlorobiphenyl	PCB-186	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,6,6'-Heptachlorobiphenyl	PCB-178	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,5',6-Heptachlorobiphenyl	PCB-175	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5',6-Heptachlorobiphenyl	PCB-187	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,5',6-Heptachlorobiphenyl	PCB-182	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(183/185)	PCB-(183/185)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,6'-Heptachlorobiphenyl	PCB-174	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5',6'-Heptachlorobiphenyl	PCB-177	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,6-Heptachlorobiphenyl	PCB-181	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(171/173)	PCB-(171/173)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,5'-Heptachlorobiphenyl	PCB-172	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5,5',6-Heptachlorobiphenyl	PCB-192	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

<u>Parameter/Analyte</u>	<u>PCB</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
PCB-(180/193)	PCB-(180/193)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5',6-Heptachlorobiphenyl	PCB-191	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5-Heptachlorobiphenyl	PCB-170	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5,6-Heptachlorobiphenyl	PCB-190	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5,5-Heptachlorobiphenyl	PCB-189	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,5',6,6'-Octachlorobiphenyl	PCB-202	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	PCB-201	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,6,6'-Octachlorobiphenyl	PCB-204	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(197/200)	PCB-(197/200)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
PCB-(198/199)	PCB-(198/199)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,6'-Octachlorobiphenyl	PCB-196	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,5',6-Octachlorobiphenyl	PCB-203	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,6-Octachlorobiphenyl	PCB-195	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,5'-Octachlorobiphenyl	PCB-194	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5,5',6-Octachlorobiphenyl	PCB-205	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	PCB-208	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	PCB-207	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	PCB-206	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Decachlorobiphenyl	PCB-209	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
<u>Per- and Polyfluoroalkyl Substances (PFAS)</u>			
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
3-Perfluoroheptyl propanoic acid (7:3 FTCA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
3-Perfluoropropyl propanoic acid (3:3 FCTA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Hexafluoropropylene oxide dimer acid (GenX) (HFPO-DA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	-----
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	-----
N-methyl perfluorooctanesulfonamide (NMeFOSA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	-----
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	-----
Nonafluoro-3,6-dioxaheptanoic acid (NFHDA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluoro-3-methoxypropanoic acid (PFMPA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluoro-4-methoxybutanoic acid (PFMBA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorobutanesulfonic acid (PFBS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorobutanoic acid (PFBA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorodecanesulfonic acid (PFDS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorodecanoic acid (PFDA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorododecanesulfonic acid (PFDoS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	-----
Perfluorododecanoic acid (PFDoA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluoroheptanesulfonic acid (PFHpS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluoroheptanoic acid (PFHpA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorohexanesulfonic acid (PFHxS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorohexanoic acid (PFHxA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorononanesulfonic acid (PFNS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorononanoic acid (PFNA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorooctanesulfonamide (PFOSA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorooctanesulfonic acid (PFOS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorooctanoic acid (PFOA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluoropentanoic acid (PFPeA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>
Perfluoropentansulfonic acid (PFPeS)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorotetradecanoic acid (PFTeDA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluorotridecanoic acid (PFTrDA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4
Perfluoroundecanoic acid (PFUnA)	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4	Draft EPA Method 1633 Rev. 4

In addition, 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 2016 and 2009 TNI Environmental Testing Laboratory Standard), 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-Flame Ionization Detector, Gas Chromatography-Mass Spectrometry, Gas Chromatography-Photo Ionization Detector, Inductively Coupled Plasma-Mass Spectrometry, Inductively Coupled Plasma-Mass Spectrometry, Manual Cold Vapor Atomic Absorption, Colorimetric, Electrometric

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
<u>Metals</u>		
Aluminum	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Antimony	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Arsenic	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Barium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Beryllium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Bismuth	EPA 6020B	EPA 6020B
Boron	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Cadmium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Calcium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Chromium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Cobalt	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Copper	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Iron	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Lead	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Lithium	EPA 6020B	EPA 6020B

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Magnesium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Manganese	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Mercury	EPA 7470A	EPA 7471B
Molybdenum	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Nickel	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Phosphorus	EPA 6010D	EPA 6010D
Potassium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Selenium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Silica	EPA 6020B	EPA 6020B
Silicon	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Silver	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Sodium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Strontium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Thallium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Thorium	EPA 6020B	EPA 6020B
Tin	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Titanium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Uranium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Vanadium	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Zinc	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
<u>Inorganic</u>		
Chloride	EPA 300.0 EPA 9056A	-----
Chemical Oxygen Demand – COD	EPA 410.4 SM 5220D	-----
Cyanide	SM 4500 CN-E	-----
Hardness	SM 2340B	-----
Nitrate	EPA 300.0 EPA 9056A	-----
Nitrate-Nitrate	EPA 353.2	-----
Nitrite	EPA 300.0 EPA 9056A	-----
Oil and Grease	EPA 1664B	EPA 9071B

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
pH	SM 4500 H+B	EPA 9045D
Total Petroleum Hydrocarbons - TPH	EPA 1664B	EPA 9071B
Alkalinity	SM 2320B	-----
Ammonia	EPA 350.1	-----
Conductivity	EPA 120.1	-----
Fluoride	EPA 300.0 EPA 9056A	-----
Paint Filters	-----	EPA 9095B
Sulfate	EPA 300.0 EPA 9056A	-----
Total Phosphorus	SM 4500 P-F	-----
Settleable Solids	SM 2540F	-----
Total Dissolved Solids	SM 2540C	-----
Total Suspended Solids	SM 2540D	-----
Turbidity	EPA 180.1	-----
<u>Organic</u>		
Diesel Range Organics - DRO	EPA 8015D	EPA 8015D
Gasoline Range Organics - GRO	EPA 8015D	EPA 8015D
Aldrin	EPA 8081B	EPA 8081B
alpha-BHC	EPA 8081B	EPA 8081B
beta-BHC	EPA 8081B	EPA 8081B
gamma-BHC (Lindane)	EPA 8081B	EPA 8081B
alpha-Chlordane	EPA 8081B	EPA 8081B
gamma-Chordane	EPA 8081B	EPA 8081B
4,4'-DDD	EPA 8081B	EPA 8081B
4,4'-DDE	EPA 8081B	EPA 8081B
4,4'-DDT	EPA 8081B	EPA 8081B
Dieldrin	EPA 8081B	EPA 8081B
Endosulfan I	EPA 8081B	EPA 8081B
Endosulfan II	EPA 8081B	EPA 8081B
Endosulfan sulfate	EPA 8081B	EPA 8081B
Endrin	EPA 8081B	EPA 8081B
Endrin aldehyde	EPA 8081B	EPA 8081B
Endrin ketone	EPA 8081B	EPA 8081B
Heptachlor	EPA 8081B	EPA 8081B
Heptachlor epoxide	EPA 8081B	EPA 8081B
Methoxychlor	EPA 8081B	EPA 8081B
Toxaphene	EPA 8081B	EPA 8081B
Chlordane (Technical)	EPA 8081B	EPA 8081B
PCB-1016 (Aroclor 1016)	EPA 8082A	EPA 8082A
PCB-1221 (Aroclor 1221)	EPA 8082A	EPA 8082A
PCB-1232 (Aroclor 1232)	EPA 8082A	EPA 8082A
PCB-1242 (Aroclor 1242)	EPA 8082A	EPA 8082A
PCB-1248 (Aroclor 1248)	EPA 8082A	EPA 8082A
PCB-1254 (Aroclor 1254)	EPA 8082A	EPA 8082A
PCB-1260 (Aroclor 1260)	EPA 8082A	EPA 8082A

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
PCB-1262 (Aroclor 1262)	EPA 8082A	EPA 8082A
PCB-1268 (Aroclor 1268)	EPA 8082A	EPA 8082A
1,2-Dibromo-3-chloropropane	EPA 8011	-----
1,2-Dibromoethane (EDB)	EPA 8011	-----
1,2,4-Trichlorobenzene	EPA 8270E	EPA 8270E
1,2-Dichlorobenzene	EPA 8270E	EPA 8270E
1,3-Dichlorobenzene	EPA 8270E	EPA 8270E
1,4-Dichlorobenzene	EPA 8270E	EPA 8270E
1,4-Dioxane	EPA 8270E SIM	-----
1-Methylnaphthalene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
1-Nitropyrene	EPA 8270E SIM	EPA 8270E SIM
2,4,5-Trichlorophenol	EPA 8270E	EPA 8270E
2,4,6-Trichlorophenol	EPA 8270E	EPA 8270E
2,4-Dichlorophenol	EPA 8270E	EPA 8270E
2,4-Dimethylphenol	EPA 8270E	EPA 8270E
2,4-Dinitrotoluene	EPA 8270E	EPA 8270E
2,4-Dinitrophenol	EPA 8270E	EPA 8270E
2,6-Dinitrotoluene	EPA 8270E	EPA 8270E
2-Chloronaphthalene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
2-Chlorophenol	EPA 8270E	EPA 8270E
2-Methylnaphthalene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
2-Methylphenol(o-Cresol)	EPA 8270E	EPA 8270E
2-Nitroaniline	EPA 8270E	EPA 8270E
2-Nitrofluorene	EPA 8270E SIM	EPA 8270E SIM
2-Nitrophenol	EPA 8270E	EPA 8270E
3&4-Methylphenol	EPA 8270E	EPA 8270E
3,3'-Dichlorobenzidine	EPA 8270E	EPA 8270E
3-Methylcholanthrene	EPA 8270E SIM	EPA 8270E SIM
3-Nitroaniline	EPA 8270E	EPA 8270E
4,6-Dinitro-2-methylphenol	EPA 8270E	EPA 8270E
4-Bromophenylphenyl ether	EPA 8270E	EPA 8270E
4-Chloro-3-methylphenol	EPA 8270E	EPA 8270E
4-Chlorophenylphenyl ether	EPA 8270E	EPA 8270E
4-Nitroaniline	EPA 8270E	EPA 8270E
4-Nitrophenol	EPA 8270E	EPA 8270E
4-Nitropyrene	EPA 8270E SIM	EPA 8270E SIM
5-Methylchrysene	EPA 8270E SIM	EPA 8270E SIM
5-Nitroacenaphthene	EPA 8270E SIM	EPA 8270E SIM
6-Nitrochrysene	EPA 8270E SIM	EPA 8270E SIM
7,12-Dimethylbenz(a)anthracene	EPA 8270E SIM	EPA 8270E SIM
7H-Dibenzo(c,g)carbazole	EPA 8270E SIM	EPA 8270E SIM
Acenaphthene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Acenaphthylene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Anthracene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Benzo(a)anthracene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Benzo(a)pyrene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Benzo(e)pyrene	EPA 8270E SIM	EPA 8270E SIM
Benzo(g,h,i)perylene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
bis(2-Chloroethoxy)methane	EPA 8270E SIM	EPA 8270E SIM
bis(2-Chloroethyl)ether	EPA 8270E SIM	EPA 8270E SIM
bis(2-Chloroisopropyl)ether	EPA 8270E SIM	EPA 8270E SIM
bis(2-Ethylhexyl)phthalate	EPA 8270E SIM	EPA 8270E SIM
Butylbenzylphthalate	EPA 8270E SIM	EPA 8270E SIM
Carbazole	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Chrysene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Dibenz(a,h)acridine	EPA 8270E SIM	EPA 8270E SIM
Dibenz(a,h)anthracene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Dibenz(a,j)aridine	EPA 8270E SIM	EPA 8270E SIM
Dibenzo(a,e)pyrene	EPA 8270E SIM	EPA 8270E SIM
Dibenzo(a,h)pyrene	EPA 8270E SIM	EPA 8270E SIM
Dibenzo(a,i)pyrene	EPA 8270E SIM	EPA 8270E SIM
Dibenzo(a,l)pyrene	EPA 8270E SIM	EPA 8270E SIM
Dibenzofuran	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Diethylphthalate	EPA 8270E	EPA 8270E
Dimethylphthalate	EPA 8270E	EPA 8270E
di-n-Butylphthalate	EPA 8270E	EPA 8270E
di-n-Octylphthalate	EPA 8270E	EPA 8270E
Fluoranthene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Fluorene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Hexachloro-1,3-butadiene	EPA 8270E	EPA 8270E
Hexachlorobenzene	EPA 8270E	EPA 8270E
Hexachlorocyclopentadiene	EPA 8270E	EPA 8270E
Hexachloroethane	EPA 8270E	EPA 8270E
Indeno(1,2,3-cd)pyrene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Isophorone	EPA 8270E	EPA 8270E
Naphthalene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Nitrobenzene	EPA 8270E	EPA 8270E

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
n-Nitroso-di-n-propylamine	EPA 8270E	EPA 8270E
n-Nitrosodiphenylamine	EPA 8270E	EPA 8270E
Pentachlorophenol	EPA 8270E EPA 8270E SIM	EPA 8270E
Perylene	EPA 8270E SIM	EPA 8270E SIM
Phenanthrene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Phenol	EPA 8270E	EPA 8270E
Pyrene	EPA 8270E EPA 8270E SIM	EPA 8270E EPA 8270E SIM
Quinoline	EPA 8270E SIM	EPA 8270E SIM
1,1,1,2-Tetrachloroethane	EPA 8260D	EPA 8260D
1,1,1-Trichloroethane	EPA 8260D	EPA 8260D
1,1,2,2-Tetrachloroethane	EPA 8260D	EPA 8260D
1,1,2-Trichloroethane	EPA 8260D	EPA 8260D
1,1,2-Trichlorotrifluoroethane	EPA 8260D	EPA 8260D
1,1-Dichloroethane	EPA 8260D	EPA 8260D
1,1-Dichloroethene	EPA 8260D	EPA 8260D
1,1-Dichloropropene	EPA 8260D	EPA 8260D
1,2,3-Trichlorobenzene	EPA 8260D	EPA 8260D
1,2,3-Trichloropropane	EPA 8260D EPA 8260D SIM	EPA 8260D
1,2,3-Trimethylbenzene	EPA 8260D	-----
1,2,4-Trichlorobenzene	EPA 8260D	EPA 8260D
1,2,4-Trimethylbenzene	EPA 8260D	EPA 8260D
1,2-Dibromo-3-chloropropane	EPA 8260D EPA 8260D SIM	EPA 8260D
1,2-Dibromoethane (EDB)	EPA 8260D EPA 8260D SIM	EPA 8260D
1,2-Dichlorobenzene	EPA 8260D	EPA 8260D
1,2-Dichloroethane	EPA 8260D EPA 8260D SIM	EPA 8260D
1,2-Dichloropropane	EPA 8260D	EPA 8260D
1,3,5-Trimethylbenzene	EPA 8260D	EPA 8260D
1,3-Butdiene	EPA 8260D	EPA 8260D
1,3-Dichlorobenzene	EPA 8260D	EPA 8260D
1,3-Dichloropropane	EPA 8260D	EPA 8260D
1,4-Dichlorobenzene	EPA 8260D	EPA 8260D
1,4-Dioxane	EPA 8260D EPA 8260D SIM	EPA 8260D
2,2-Dichloropropane	EPA 8260D	EPA 8260D
2-Butanone (MEK)	EPA 8260D	EPA 8260D
2-Chloroethylvinyl ether	EPA 8260D	EPA 8260D
2-Chlorotoluene	EPA 8260D	EPA 8260D
2-Hexanone	EPA 8260D	EPA 8260D
2-Methylnapthalene	EPA 8260D	EPA 8260D
4-Chlorotoluene	EPA 8260D	EPA 8260D
4-Methyl-2-pentanone (MIBK)	EPA 8260D	EPA 8260D

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Acetone	EPA 8260D	EPA 8260D
Acrolein	EPA 8260D	EPA 8260D
Acrylonitrile	EPA 8260D	EPA 8260D
Allyl Chloride	EPA 8260D	EPA 8260D
Benzene	EPA 8260D	EPA 8260D
Bromobenzene	EPA 8260D	EPA 8260D
Bromochloromethane	EPA 8260D	EPA 8260D
Bromodichloromethane	EPA 8260D	EPA 8260D
Bromoform	EPA 8260D	EPA 8260D
Bromomethane	EPA 8260D	EPA 8260D
Carbon disulfide	EPA 8260D	EPA 8260D
Carbon tetrachloride	EPA 8260D EPA 8260D SIM	EPA 8260D
Chlorobenzene	EPA 8260D	EPA 8260D
Chloroethane	EPA 8260D	EPA 8260D
Chloroform	EPA 8260D	EPA 8260D
Chloromethane	EPA 8260D	EPA 8260D
cis-1,2-Dichloroethene	EPA 8260D	EPA 8260D
cis-1,3-Dichloropropene	EPA 8260D EPA 8260D SIM	EPA 8260D
Cyclohexane	EPA 8260D	EPA 8260D
Dibromochloromethane	EPA 8260D EPA 8260D SIM	EPA 8260D
Dibromomethane	EPA 8260D	EPA 8260D
Dichlorodifluoromethane	EPA 8260D	EPA 8260D
Dichlorofluoromethane	EPA 8260D	EPA 8260D
Diethyl ether (Ethyl ether)	EPA 8260D	EPA 8260D
Di-isopropyl ether	EPA 8260D	EPA 8260D
Ethylbenzene	EPA 8260D	EPA 8260D
Hexachloro-1,3-butadiene	EPA 8260D EPA 8260D SIM	EPA 8260D
Iodomethane	EPA 8260D	EPA 8260D
Isopropylbenzene (Cumene)	EPA 8260D	EPA 8260D
m&p-Xylene	EPA 8260D	EPA 8260D
Methyl-tert-butyl ether (MTBE)	EPA 8260D	EPA 8260D
Methylene Chloride	EPA 8260D	EPA 8260D
Naphthalene	EPA 8260D	EPA 8260D
n-Butanol	EPA 8260D	-----
n-Butylbenzene	EPA 8260D	EPA 8260D
n-Hexane	EPA 8260D	EPA 8260D
n-Propylbenzene	EPA 8260D	EPA 8260D
o-Xylene	EPA 8260D	EPA 8260D
p-Isopropyltoluene	EPA 8260D	EPA 8260D
sec-Butylbenzene	EPA 8260D	EPA 8260D
Styrene	EPA 8260D	EPA 8260D
tert-Butylbenzene	EPA 8260D	EPA 8260D
Tetrachloroethene	EPA 8260D	EPA 8260D
Tetrahydrofuran	EPA 8260D	EPA 8260D

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>
Toluene	EPA 8260D	EPA 8260D
trans-1,2-Dichloroethene	EPA 8260D	EPA 8260D
trans-1,3-Dichloropropene	EPA 8260D EPA 8260D SIM	EPA 8260D
trans-1,4-Dichloro-2-butene	EPA 8260D	EPA 8260D
Trichloroethene	EPA 8260D EPA 8260D SIM	EPA 8260D
Trichlorofluoromethane	EPA 8260D	EPA 8260D
Vinyl acetate	EPA 8260D	EPA 8260D
Vinyl chloride	EPA 8260D EPA 8260D SIM	EPA 8260D
Xylene (Total)	EPA 8260D	EPA 8260D
Ethane	RSK-175	-----
Ethene	RSK-175	-----
Methane	RSK-175	-----
n-Propane	RSK-175	-----
TCLP	EPA 1311	EPA 1311
SPLP	EPA 1312	EPA 1312
Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II	CCR Chapter 11, Article 5, Appendix II

<u>Test Method(s)</u>	<u>Matrix</u>	<u>Extraction Method(s)</u>
8015D DRO, 8081B, 8082A, 8270E, 8270E SIM	Water	EPA 3510C
8270E SIM	Water	EPA 3511
8081B, 8082A, 8270E, 8270E SIM	Soil	EPA 3546
8015D DRO, 8081B, 8082A, 8270E, 8270E SIM	Solid	EPA 3550C
8260D, 8260D SIM	Water	EPA 5035
8260D	Solid	EPA 5035/5030B
8015D GRO	Solid	EPA 5030B
6010D, 6020B	Water	EPA 3010A, 3015A, 3020A
6010D, 6020B	Solid	EPA 3050B
6010D, 6020B, 7470A, 7471B, 8081B, 8260D, 8270E	Solid/Liquid	EPA 1311 TCLP/1312 SPLP
6010B, 6010D	Solid/Liquid	CCR Chapter 11, Article 5, Appendix II

*Standard Methods (SM) refers to the current online edition.

<u>Parameter/Analyte</u>	<u>Potable Water</u>
2,3,7,8-TCDD	EPA 1613B

WYOMING STORAGE TANK

In addition, in recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2017 and to the Wyoming Storage Tank Remediation Laboratory Accreditation

Program, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below on water and solids:

<u>Parameter</u>	<u>Analyte</u>	<u>Method(s)</u>	<u>NPW</u>	<u>SCM</u>
Extractable Organics	Diesel Range Organics C10-C32	EPA 8015C	X	X
Metals	Cadmium	EPA 6010D	X	X
Metals	Chromium	EPA 6010D	X	X
Metals	Lead	EPA 6010D	X	X
Purgeable Organics	Gasoline Range Organics C6-C10	EPA 8015C	X	X
Purgeable Organics	1,2-Dibromomethane	EPA 8011	X	-----





Accredited Laboratory

A2LA has accredited

PACE ANALYTICAL SERVICES, LLC

Minneapolis, MN

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 2016 and 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.4 of the DoD 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 7th day of November 2023.

A blue ink signature of Mr. Trace McInturff, Vice President of Accreditation Services.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2926.01
Valid to October 31, 2025



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