



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC. (APPL, INC.)
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ENVIRONMENTAL

Valid To: June 30, 2025

Certificate Number: 4064.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.4 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

High Resolution Gas Chromatography/Mass Spectrometry, ICP-OES, ICP-Mass Spectrometry, Atomic Absorption Spectrometry, Gas Chromatography/ECD/FID, Liquid Chromatography- Mass Spectrometry, High Performance Liquid Chromatography, Ion Chromatography, Titrimetry

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
<u>Metals</u>			
Aluminum	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Antimony	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Arsenic	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Barium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Beryllium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Boron	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Cadmium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Calcium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Chromium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Cobalt	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
Copper	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Iron	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Lead	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Magnesium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Manganese	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Mercury	EPA 245.1 EPA 7470A	EPA 7470A	EPA 7471A/7471B
Molybdenum	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Nickel	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Potassium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Selenium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Silver	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Sodium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Strontium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Thallium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Tin	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Titanium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Total Phosphorus	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Vanadium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Zinc	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
<u>Pesticides/Herbicides/PCBs/TPH/Fumigants</u>			
1,2,3-Trichloropropane	EPA 8011	-----	EPA 8011
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	-----	EPA 8011
1,2-Dibromomethane (EDB, Ethylene dibromide)	EPA 8011	-----	EPA 8011
DRO (Diesel Range Organics), C10-C28	EPA 8015B/8015C/8015D	EPA 8015B/8015C/8015D	EPA 8015B/8015C/8015D
RRO (Residual Range Organics), C25-C36	EPA 8015B/8015C/8015D	EPA 8015B/8015C/8015D	EPA 8015B/8015C/8015D
DRO (Diesel Range Organics),	AK102	AK102	AK102

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
C10-C25			
RRO (Residual Range Organics), C25-C36	AK103	AK103	AK103
MRH (Mid-range Hydrocarbons), C9-C18	KS-MRH/HRH	KS-MRH/HRH	KS-MRH/HRH
HRH (High-range Hydrocarbons), C19-C35	KS-MRH/HRH	KS-MRH/HRH	KS-MRH/HRH
DRO (Diesel Range Organics)	WA-NWTPH-Dx	WA-NWTPH-Dx	WA-NWTPH-Dx
RRO (Residual Range Organics)	WA-NWTPH-Dx	WA-NWTPH-Dx	WA-NWTPH-Dx
GRO (Gasoline Range Organics), C6-C10	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
GRO (Gasoline Range Organics), C6-C10	AK101-MS	AK101-MS	AK101-MS
LRH (Low-Range Hydrocarbons), C5-C8	KS-LRH	KS-LRH	KS-LRH
GRO (Gasoline Range Organics)	WA-NWTPH-Gx	WA-NWTPH-Gx	WA-NWTPH-Gx
Methane	RSK-175	RSK-175	-----
Ethane	RSK-175	RSK-175	-----
Ethene	RSK-175	RSK-175	-----
4,4'-DDD	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
4,4'-DDE	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
4,4'-DDT	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
a-BHC	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
a-Chlordane	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Aldrin	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
b-BHC	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Chlordane	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
d-BHC	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Dieldrin	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Endosulfan I	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Endosulfan II	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Endosulfan sulfate	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Endrin	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Endrin aldehyde	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Endrin ketone	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
g-BHC (Lindane)	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
g-Chlordane	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Heptachlor	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Heptachlor epoxide	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Hexachlorobenzene	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Methoxychlor	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Toxaphene	EPA 8081A/8081B	EPA 8081A/8081B	EPA 8081A/8081B
Aroclor-1016/1242	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1016 (PCB-1016)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1221 (PCB-1221)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1232 (PCB-1232)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1242 (PCB-1242)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1248 (PCB-1248)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1254 (PCB-1254)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
Aroclor-1260 (PCB-1260)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1262 (PCB-1262)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Aroclor-1268 (PCB-1268)	EPA 8082/8082A	EPA 8082/8082A	EPA 8082/8082A
Dalapon	-----	EPA 8151/8151A	-----
Dicamba	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
Dichlorprop (2,4-DP)	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
Dinoseb	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
2,4-D	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
2,4-DB	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
MCPA	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
MCPP	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
Pentachlorophenol	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
Silvex (2,4,5-TP)	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
2,4,5-T	EPA 8151/8151A	EPA 8151/8151A	EPA 8151/8151A
Azinphos-methyl (Guthion)	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Chlorpyrifos (Dursban)	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Demeton-S	-----	-----	EPA 8141A/8141B
Diazinon	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Dichlorvos	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Dimethoate	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Disulfoton	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Ethoprop	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Malathion	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Parathion, ethyl	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Parathion, methyl	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Phorate	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Ronnel	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
Stirophos	EPA 8141A/8141B	EPA 8141A/8141B	EPA 8141A/8141B
<u>Purgeable Organics (Volatiles-VOC)</u>			
1,1,1,2-Tetrachloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,1-Trichloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,2,2-Tetrachloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,2-Trichloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,2-Trichlorotrifluoroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1-Dichloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1-Dichloroethene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1-Dichloropropene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2,3-Trichlorobenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2,3-Trichloropropane	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM
1,2,4-Trichlorobenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2,4-Trimethylbenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dibromo-3-chloropropane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dibromoethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dichlorobenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dichloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dichloropropane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
1,3,5-Trimethylbenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,3-Dichlorobenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,3-Dichloropropane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,4-Dichlorobenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,4-Dioxane	EPA 8260B/8260C/8260D/ EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D/ EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D/ EPA 8260B/8260C/8260D SIM
2,2-Dichloropropane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Butanone (Methyl ethyl ketone)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Chloroethyl vinyl ether	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Chlorotoluene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Hexanone	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
4-Chlorotoluene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
4-methyl-2-pentanone	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acetone	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acetonitrile	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acrolein	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acrylonitrile	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Benzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromobenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromochloromethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromodichloromethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromoform	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromomethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Carbon disulfide	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Carbon tetrachloride	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chlorobenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chloroform	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chloromethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
cis-1,2-Dichloroethene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
cis-1,3-Dichloropropene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Cyclohexane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Dibromochloromethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Dibromomethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Dichlorodifluoromethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethyl benzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethyl tert-butyl ether (ETBE)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Hexachlorobutadiene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Hexachloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Iodomethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Isopropyl ether (DIPE)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Isopropylbenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
m+p-Xylene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Methylacetate	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Methylcyclohexane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Methyl tert-butyl ether (MTBE)	-----	-----	-----
Methylene chloride (Dichloromethane)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
Naphthalene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
n-Butyl benzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
n-Propylbenzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
o-Xylene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
p-isopropyl toluene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
sec-Butyl benzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Styrene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Amyl methyl ether (TAME)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Butyl Alcohol (t-Butanol)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Butyl Benzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Butyl Ethyl Ether (ETBE)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Tetrachloroethene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Toluene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Total Xylenes	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
trans-1,2-Dichloroethene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
trans-1,3-Dichloropropene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Trichloroethene	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM
Trichlorofluoromethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Vinyl Acetate	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Vinyl Chloride	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM

Extractable Organics (Semivolatiles-SVOC)

1,1'-Biphenyl	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
1-Methylnaphthalene	EPA 8270D/8270E SIM	EPA 8270D/8270E SIM	EPA 8270D/8270E SIM
1,2,4,5-Tetrachlorobenzene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
1,2,4-Trichlorobenzene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
1,2-Dichlorobenzene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
1,3-Dichlorobenzene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
1,4-Dichlorobenzene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
1,4-Dioxane	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM /8270E	EPA 8270D/8270E EPA 8270D/8270E SIM
2-Methylnaphthalene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
2-(2-Methoxyethoxy)-ethanol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,3,4,6-Tetrachlorophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,4,5-Trichlorophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,4,6-Trichlorophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dichlorophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dimethylphenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dinitrophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,6-Dichlorophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2-Chloronaphthalene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2-Chlorophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
2-Methyl-4,6-Dinitrophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2-Methylnaphthalene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2-Methylphenol (o-Cresol)	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2-Nitroaniline	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
2-Nitrophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
3, 4-Methylphenol (m+p-Cresol)	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
3,3'-Dichlorobenzidine	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
3-Nitroaniline	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
4-Bromophenyl phenyl ether	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
4-Chloro-3-methylphenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
4-Chloroaniline	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
4-Chlorophenyl phenylether	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
4-Methylphenol (p-Cresol)	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
4-Nitroaniline	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
4-Nitrophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Acenaphthene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Acenaphthylene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Acetophenone	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Aniline	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Anthracene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Atrazine	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Benzaldehyde	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Benzidine	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Benzo(a)anthracene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Benzo(a)pyrene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Benzo(b)fluoranthene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Benzo(b+k)fluoranthene	EPA 8270D/8270E SIM	EPA 8270D/8270E SIM	EPA 8270D/8270E SIM
Benzo(g,h,i)perylene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Benzo(k)fluoranthene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Benzoic acid	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Benzyl alcohol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Benzyl butyl phthalate	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Biphenyl	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
bis(2-Chloroethoxy) methane	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
bis(2-Chloroethyl) ether	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
bis(2-Chloroisopropyl) ether	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
bis(2-Ethylhexyl) phthalate (DEHP)	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Butyl benzyl phthalate	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Caprolactam	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Carbazole	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Chrysene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
	EPA 8270D/8270E SIM	EPA 8270D/8270E SIM	EPA 8270D/8270E SIM
Dibenz(a,h)anthracene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Dibenzofuran	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Diethyl phthalate	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Dimethyl phthalate	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Di-n-butyl phthalate	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Di-n-octyl phthalate	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Fluoranthene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Fluorene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Hexachlorobenzene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Hexachlorobutadiene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Hexachlorocyclopentadiene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Hexachloroethane	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Indeno(1,2,3-cd) pyrene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Isophorone	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Naphthalene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Nitrobenzene	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
N-nitrosodimethylamine	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
N-nitrosodi-n-propylamine	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
N-nitrosodiphenylamine	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Pentachlorophenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Phenanthrene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Phenol	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E
Pyrene	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM	EPA 8270D/8270E EPA 8270D/8270E SIM
Pyridine	EPA 8270D/8270E	EPA 8270D/8270E	EPA 8270D/8270E

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>		<u>AFFF</u>
		<u>Aqueous</u>	<u>Solid/Chemical</u>	
Per- & Polyfluoroalkyl Substances (PFAS)				
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid FTS 4:2	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid FTS 6:2	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid FTS 8:2	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
N-ethyl perfluorooctanesulfonamidoacetic acid N-EtFOSAA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15

Parameter/Analyte	Non-potable Water	Solid Hazardous Waste		AFFF
		Aqueous	Solid/Chemical	
Perfluorotetradecanoic acid PFTeDA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
Perfluorotridecanoic acid PFTrDA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
Perfluoroundecanoic acid PFUdA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
Hexafluoropropylene oxide dimer acid HFPO-DA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
9-Chlorohexadecafluoro-3- oxanonane-1-sulfonic acid 9-Cl-PF30NS	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
11-Chloroeicosafluoro-3- oxaundecane-1-sulfonic acid 11-Cl-PF30UdS	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
4,8-Dioxa-3H-perfluorononanoic acid ADONA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
N-ethyl perfluorooctanesulfonamidoethanol NEtFOSE	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
N-ethyl perfluorooctanesulfonamide N-EtFOSA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
N-methyl perfluorooctanesulfonamidoethanol N-MeFOSE	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
N-methyl perfluorooctanesulfonamide N-MeFOSA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
Perfluorododecanesulfonic acid PFDoS	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
3-Perfluoropropyl propanoic acid 3:3 FTA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
2H,2H,3H,3H-Perfluorooctanoic acid 5:3 FTA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
3-Perfluoroheptyl propanoic acid 7:3 FTA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
1H,1H,2H,2H- Perfluorododecanesulphonic acid 10:2 FTS	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
Perfluoro-3-methoxypropanoic acid PFMPA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
Perfluoro-4-methoxybutanoic acid PFMBA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15

Parameter/Analyte	Non-potable Water	Solid Hazardous Waste		AFFF
		Aqueous	Solid/Chemical	
Nonfluoro-3,6-dioxheptanoic acid NFDHA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15
Perfluoro(2-ethoxyethane)sulfonic acid PFEESA	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with DoD QSM 5.4 Table B-15

Parameter/Analyte	Non-potable Water	Solid Hazardous Waste	
		Aqueous	Solids
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid 4:2 FTS	EPA 1633	EPA 1633	EPA 1633
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid 6:2 FTS	EPA 1633	EPA 1633	EPA 1633
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid 8:2 FTS	EPA 1633	EPA 1633	EPA 1633
N-methyl perfluorooctanesulfonamidoacetic acid NEtFOSAA	EPA 1633	EPA 1633	EPA 1633
N-ethyl perfluorooctanesulfonamidoacetic acid NMeFOSAA	EPA 1633	EPA 1633	EPA 1633
Perfluorobutanoic acid PFBA	EPA 1633	EPA 1633	EPA 1633
Perfluorobutanesulfonic acid PFBS	EPA 1633	EPA 1633	EPA 1633
Perfluorodecanoic acid PFDA	EPA 1633	EPA 1633	EPA 1633
Perfluorododecanoic acid PFDoA	EPA 1633	EPA 1633	EPA 1633
Perfluorodecanesulfonic acid PFDS	EPA 1633	EPA 1633	EPA 1633
Perfluoroheptanoic acid PFHpA	EPA 1633	EPA 1633	EPA 1633
Perfluoroheptanesulfonic acid PFHpS	EPA 1633	EPA 1633	EPA 1633
Perfluorohexanoic acid PFHxA	EPA 1633	EPA 1633	EPA 1633
Perfluorohexanesulfonic acid PFHxS	EPA 1633	EPA 1633	EPA 1633
Perfluorononanoic acid PFNA	EPA 1633	EPA 1633	EPA 1633
Perfluorononanesulfonic acid PFNS	EPA 1633	EPA 1633	EPA 1633
Perfluorooctanoic acid PFOA	EPA 1633	EPA 1633	EPA 1633
Perfluorooctanesulfonic acid PFOS	EPA 1633	EPA 1633	EPA 1633
Perfluorooctanesulfonamide	EPA 1633	EPA 1633	EPA 1633

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solids</u>
PFOSA			
Perfluoropentanoic acid PFPeA	EPA 1633	EPA 1633	EPA 1633
Perfluoropentansulfonic acid PFPeS	EPA 1633	EPA 1633	EPA 1633
Perfluorotetradecanoic acid PFTeDA	EPA 1633	EPA 1633	EPA 1633
Perfluorotridecanoic acid PFTrDA	EPA 1633	EPA 1633	EPA 1633
Perfluoroundecanoic acid PFUnA	EPA 1633	EPA 1633	EPA 1633
Hexafluoropropylene oxide dimer acid HFPO-DA	EPA 1633	EPA 1633	EPA 1633
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid 9Cl-PF3ONS	EPA 1633	EPA 1633	EPA 1633
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid 11Cl-PF3OUdS	EPA 1633	EPA 1633	EPA 1633
4,8-Dioxa-3H-perfluorononanoic acid ADONA	EPA 1633	EPA 1633	EPA 1633
N-ethyl perfluorooctanesulfonamidoethanol NEtFOSE	EPA 1633	EPA 1633	EPA 1633
N-ethyl perfluorooctanesulfonamide NEtFOSA	EPA 1633	EPA 1633	EPA 1633
N-methyl perfluorooctanesulfonamidoethanol NMeFOSE	EPA 1633	EPA 1633	EPA 1633
N-methyl perfluorooctanesulfonamide NMeFOSA	EPA 1633	EPA 1633	EPA 1633
Perfluorododecanesulfonic acid PFDoS	EPA 1633	EPA 1633	EPA 1633
3-Perfluoropropyl propanoic acid 3:3 FTCA	EPA 1633	EPA 1633	EPA 1633
2H,2H,3H,3H-Perfluorooctanoic acid 5:3 FTCA	EPA 1633	EPA 1633	EPA 1633
3-Perfluoroheptyl propanoic acid 7:3 FTCA	EPA 1633	EPA 1633	EPA 1633
Perfluoro-3-methoxypropanoic acid PFMPA	EPA 1633	EPA 1633	EPA 1633
Perfluoro-4-methoxybutanoic acid PFMBA	EPA 1633	EPA 1633	EPA 1633
Nonafluoro-3,6-dioxaheptanoic acid NFDHA	EPA 1633	EPA 1633	EPA 1633
Perfluoro(2-ethoxyethane)sulfonic acid PFEESA	EPA 1633	EPA 1633	EPA 1633

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solids</u>
Perfluoro-4-ethylcyclohexanesulfonic Acid	EPA 1633	EPA 1633	EPA 1633
Perfluorobutylsulfonamide	EPA 1633	EPA 1633	EPA 1633
Perfluorohexanesulfonamide	EPA 1633	EPA 1633	EPA 1633

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
<u>Energetics</u>			
Nitroguanidine	EPA 8321A/8321B Mod.	EPA 8321A/8321B Mod.	EPA 8321A/8321B Mod.
Guanidine Nitrate	EPA 8321A/8321B Mod.	EPA 8321A/8321B Mod.	EPA 8321A/8321B Mod.
Perchlorate	EPA 6850	EPA 6850	EPA 6850
1,3,5-Trinitrobenzene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
1,3-Dinitrobenzene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
2,4,6-Trinitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
2,4-Dinitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
2,6-Dinitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
2-Amino-4,6-dinitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
2-Nitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
2-Amino-4,6-dinitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
2-Nitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
3-Nitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
3,5 Dinitroaniline	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
4-Amino-2,6-dinitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
4-Nitrotoluene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
Nitrobenzene	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
Nitroglycerin	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
Pentaerythritoltetranitrate (PETN)	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
Tetryl (Methyl-2,4,6-trinitrophenylnitramine)	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
Picric Acid	EPA 8321A/8321B	EPA 8321A/8321B	EPA 8321A/8321B
<u>Inorganics</u>			
Ignitability	-----	-----	EPA 1030
pH / Corrosivity	EPA 9040C	EPA 9040C	EPA 9045C/D
Chromium VI	EPA 218.6/218.7	-----	-----
Chromium VI	EPA 7199	EPA 7199	EPA 7199
Chromium VI	EPA 7196A	EPA 7196A	EPA 7196A
Bromide	EPA 300.0	EPA 300.0	EPA 300.0
Chloride	EPA 300.0	EPA 300.0	EPA 300.0
Fluoride	EPA 300.0	EPA 300.0	EPA 300.0
Nitrate as N	EPA 300.0	EPA 300.0	EPA 300.0
Nitrite + Nitrate as N	EPA 300.0	EPA 300.0	EPA 300.0

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
Nitrite as N	EPA 300.0	EPA 300.0	EPA 300.0
Orthophosphate as P	-----	EPA 300.0	EPA 300.0
Phosphate and Orthophosphate - as P	-----	EPA 300.0	EPA 300.0
Sulfate	EPA 300.0	EPA 300.0	EPA 300.0
Bromide	EPA 9056/9056A	EPA 9056/9056A	EPA 9056/9056A
Chloride	EPA 9056/9056A	EPA 9056/9056A	EPA 9056/9056A
Fluoride	EPA 9056/9056A	EPA 9056/9056A	EPA 9056/9056A
Nitrate as N (NO3 ⁻ as N)	EPA 9056/9056A	EPA 9056/9056A	EPA 9056/9056A
Nitrite + Nitrate as N	EPA 9056/9056A	EPA 9056/9056A	EPA 9056/9056A
Nitrite as N	EPA 9056/9056A	EPA 9056/9056A	EPA 9056/9056A
Sulfate	EPA 9056/9056A	EPA 9056/9056A	EPA 9056/9056A
Phosphate and Orthophosphate - as P	-----	EPA 9056/9056A	EPA 9056/9056A
Phosphate/Orthophosphate/Total Phosphorus	SM 4500 PE	SM 4500 PE	SM 4500 PE
Cyanide, Total	EPA 9014 SM 4500CN B,C,	EPA 9010C EPA 9014 SM 4500CN B,C,E,	EPA 9010C EPA 9014 SM 4500CN B,C,E,
Ammonia as N	EPA 350.1	EPA 350.1	EPA 350.1
Total Kheldahl Nitrogen	EPA 351.2	EPA 351.2	EPA 351.2
Nitrate as N	EPA 353.2	EPA 353.2	EPA 353.2
Nitrate + Nitrate as N	EPA 353.2	EPA 353.2	EPA 353.2
Nitrite as N	EPA 353.2	EPA 353.2	EPA 353.2
Nitrocellulose	EPA 353.2 Mod	EPA 353.2 Mod	EPA 353.2 Mod
Bicarbonate	SM 2320B	SM 2320B	-----
Carbonate	SM 2320B	SM 2320B	-----
Hydroxide	SM 2320B	SM 2320B	-----
Total Alkalinity (CaCO3)	SM 2320B	SM 2320B	-----
Specific Conductance, Conductivity (25°C)	SM 2510B	SM 2510B	-----
Total Solids	SM 2540B	SM2540B	-----
Total Dissolved Solids (TDS)	EPA 160.1 SM 2540C	EPA 160.1 SM 2540C	-----
Non-Filterable Residue (TSS)	-----	SM 2540D	-----
Ferrous Iron	SM 3500-Fe Bc	SM 3500-Fe Bc	-----
Sulfide	SM 4500-S ₂ F	SM 4500-S ₂ F	SM 4500-S ₂ F
Silica	SM 4500-SiD	SM 4500-SiD	-----
Total Organic Carbon (TOC)	EPA 9060A SM 5310B/C	-----	WALKLEY-BLACK
Cation Exchange Capacity	-----	-----	EPA 9081/EPA 6010
<u>Sample Preparation</u>			
TCLP Extraction	-----	EPA 1311	EPA 1311
SPLP Extraction	-----	EPA 1312	EPA 1312
Acid Digestion for Metals Analysis	EPA 3010A	EPA 3010A	-----

<u>Parameter/Analyte</u>	<u>Non-potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid/Chemical</u>
Acid Digestion for Metals Analysis	-----	EPA 3050B	EPA 3050B
Alkaline Digestion for Hexavalent Chromium	-----	EPA 3060A	EPA 3060A
Separatory Funnel Extraction	EPA 3510C	EPA 3510C	-----
Microextraction	EPA 3511	EPA 3511	-----
Liquid-Liquid Extraction	EPA 3520C	EPA 3520C	-----
Soxhlet Extraction	-----	EPA 3540C	EPA 3540C
SPE Extraction for Explosives	EPA 3535A	EPA 3535A	-----
Ultrasonic Extraction	-----	EPA 3550B Mod.	EPA 3550B Mod.
Silica Gel Cleanup	EPA 3630C	EPA 3630C	EPA 3630C
Sulfur Cleanup	EPA 3660B	EPA 3660B	EPA 3660B
Sulfuric Acid - Permanganate Cleanup	EPA 3665A Mod.	EPA 3665A Mod.	EPA 3665A Mod.
Purge and Trap	EPA 5030B/5030C	EPA 5030B/5030C	EPA 5030B/5030C
Closed-System Purge and Trap Extraction	EPA 5035/5035A	EPA 5035/5035A	EPA 5035/5035A
Mercury Digestion	EPA 7470A	EPA 7470A	EPA 7471A/7471B
Incremental Sampling	-----	EPA 8330B, Appendix A	EPA 8330B, Appendix A
Waste Extraction Test (WET) (STLC)	-----	CCR Chapter 11, Article 5, Appendix II	CCR Chapter 11, Article 5, Appendix II

<u>Parameter/Analyte</u>	<u>Potable Water</u>
<u>Metals</u>	
Mercury	EPA 245.1
<u>Inorganics</u>	
Chromium VI	EPA 218.6/218.7
Bromide	EPA 300.0
Chloride	EPA 300.0
Fluoride	-----
Nitrate as N	EPA 300.0
Nitrite + Nitrate as N	EPA 300.0
Nitrite as N	EPA 300.0
Orthophosphate as P	-----
Phosphate	EPA 300.0
Sulfate	EPA 300.0
Phosphate/Orthophosphate/Total Phosphorus	SM 4500 PE
Cyanide, Total	SM 4500CN B, C, E
Ammonia as N	EPA 350.1
Total Kheldahl Nitrogen	EPA 351.2
Nitrate as N	EPA 353.2
Nitrate + Nitrate as N	-----
Nitrite as N	EPA 353.2
Nitrocellulose	EPA 353.2 Mod.
Bicarbonate	SM 2320B
Carbonate	SM 2320B
Hydroxide	SM 2320B
Total Alkalinity (CaCO3)	SM 2320B
Specific Conductance, Conductivity (25C)	SM 2510B

<u>Parameter/Analyte</u>	<u>Potable Water</u>
Total Dissolved Solids (TDS)	EPA 160.1
Ferrous Iron	SM 3500-Fe Bc
Sulfide	SM 4500-S ₂ F
Total Organic Carbon (TOC)	SM 5310B/C
Dissolved Organic Carbon (DOC)	SM 5310B/C
<u>Per- & Polyfluoroalkyl Substances (PFAS)</u>	
N-ethyl perfluorooctanesulfonamidoacetic acid N-EtFOSAA	EPA 537.1
N-methyl perfluorooctanesulfonamidoacetic acid N-MeFOSAA	EPA 537.1
Perfluorobutanesulfonic acid PFBS	EPA 537.1
Perfluorodecanoic acid PFDA	EPA 537.1
Perfluorododecanoic acid PFDoA	EPA 537.1
Perfluoroheptanoic acid PFHpA	EPA 537.1
Perfluorohexanoic acid PFHxA	EPA 537.1
Perfluorohexanesulfonic acid PFHxS	EPA 537.1
Perfluorononanoic acid PFNA	EPA 537.1
Perfluorooctanoic acid PFOA	EPA 537.1
Perfluorooctanesulfonic acid PFOS	EPA 537.1
Perfluorotetradecanoic acid PFTeDA	EPA 537.1
Perfluorotridecanoic acid PFTTrDA	EPA 537.1
Perfluoroundecanoic acid PFUdA	EPA 537.1
Hexafluoropropylene oxide dimer acid HFPO-DA	EPA 537.1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid 9-Cl-PF30NS	EPA 537.1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid 11-Cl-PF30UdS	EPA 537.1
4,8-Dioxa-3H-perfluorononanoic acid ADONA	EPA 537.1
Perfluorobutanoic acid PFBA	EPA 533
Perfluoropentanoic acid PFPeA	EPA 533
Perfluorohexanoic acid PFHxA	EPA 533
Perfluoroheptanoic acid PFHpA	EPA 533
Perfluorooctanoic acid	EPA 533



<u>Parameter/Analyte</u>	<u>Potable Water</u>
PFOA	
Perfluorononanoic acid PFNA	EPA 533
Perfluorodecanoic acid PFDA	EPA 533
Perfluoroundecanoic acid PFUnA	EPA 533
Perfluorododecanoic acid PFDoA	EPA 533
Perfluorobutanesulfonic acid PFBS	EPA 533
Perfluoropentanesulfonic acid PFPeS	EPA 533
Perfluorohexanesulfonic acid PFHxS	EPA 533
Perfluoroheptanesulfonic acid PFHpS	EPA 533
Perfluorooctanesulfonic acid PFOS	EPA 533
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid 4:2FTS	EPA 533
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid 6:2FTS	EPA 533
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid 8:2FTS	EPA 533
Perfluoro-3-methoxypropanoic acid PFMPA	EPA 533
Perfluoro-4-methoxybutanoic acid PFMBA	EPA 533
Nonafluoro-3,6-dioxaheptanoic acid NFDHA	EPA 533
Hexafluoropropylene oxide dimer acid HFPO-DA	EPA 533
4,8-Dioxa-3H-perfluorononanoic acid ADONA	EPA 533
Perfluoro(2-ethoxyethane)sulfonic acid PFEESA	EPA 533
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid 9CIPF3ONS	EPA 533
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid 11 Cl-PF3OUdS	EPA 533
<u>Sample Preparation</u>	
Mercury digestion	EPA 245.1
PFAS SPE	EPA 537.1



Accredited Laboratory

A2LA has accredited

**AGRICULTURE & PRIORITY POLLUTANTS LABORATORIES, INC.
(APPL, INC.)**
Clovis, CA

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 5.4 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 24th day of July 2023.

A blue ink signature of Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4064.01
Valid to June 30, 2025

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