



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ENVIRONMENTAL

Valid To: October 31, 2026

Certificate Number: 2907.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the 2016 TNI Environmental Testing Laboratory Standard, the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP), and the requirements of the Department of Energy Consolidated Audit Program (DOECAP) as detailed in version 6.0 of the DoD/DOE Quality Systems Manual for Environmental Laboratories), and for the test methods applicable 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:

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, ICP/MS, Gas Chromatography, Gas Chromatography/Mass Spectrometry (including Single Ion Monitoring (SIM), Isotope Dilution, and Triple-Quadrupole), Gravimetry, High Performance Liquid Chromatography, Liquid Chromatography/Mass Spectrometry, Liquid Chromatography/Mass Spectrometry/Mass Spectrometry, Ion Chromatography, Misc.- Electronic Probes (pH, O₂, EC), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, Total Organic Carbon, Total Organic Halides

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

<u>Parameter/Analyte</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Water</u>	<u>Solid</u>
Chromium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Cobalt	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Copper	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Iron	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Lead	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Lithium	EPA 200.7	EPA 6010C/6010D	EPA 6010C/6010D
Magnesium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Manganese	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Mercury	EPA 245.1	EPA 7470A	EPA 7471A/B
Molybdenum	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Nickel	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Potassium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Selenium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Silica	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	-----
Silicon	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	-----
Silver	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Sodium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Strontium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Sulfur	EPA 200.7	EPA 6010C/6010D	EPA 6010C/6010D
Thallium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Tin	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D
Titanium	EPA 200.7	EPA 6010C/6010D	EPA 6010C/6010D
Uranium	EPA 200.8	EPA 6020B	EPA 6020B
Vanadium	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B
Zinc	EPA 200.7 EPA 200.8	EPA 6010C/6010D EPA 6020B	EPA 6010C/6010D EPA 6020B

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste	
		Water	Solid
Nutrients			
Nitrate (as N)	EPA 300.0	EPA 9056/9056A	EPA 9056/9056A
Nitrate-Nitrite (as N)	EPA 300.0 EPA 353.2	EPA 9056/9056A	EPA 9056/9056A
Nitrite (as N)	EPA 300.0 SM 4500-NO ₂ B	EPA 9056/9056A	EPA 353.2 EPA 9056/9056A
Orthophosphate (as P)	EPA 365.1	EPA 365.1	EPA 365.1
Total Phosphorus	EPA 365.1	EPA 6010C/6010D	EPA 6010C/6010D
Demands			
Total Organic Carbon	SM 5310B	EPA 9060/9060A	EPA 9060/9060A
Dissolved Organic Carbon	SM 5310B	EPA 9060/9060A	EPA 9060/9060A
Total Organic Halides	EPA 9020B	EPA 9020B	-----
Wet Chemistry			
Alkalinity (Total Bicarbonate, Carbonate, and Hydroxide Alkalinity)	SM 2320B	SM 2320B	SM 2320B
Ammonia	EPA 350.1	EPA 350.1	-----
Biological Oxygen Demand	SM 5210B	SM 5210B	-----
Bromide	EPA 300.0	EPA 9056/9056A	EPA 9056/9056A
Chloride	EPA 300.0 SM 4500-CL E	EPA 9056/9056A	EPA 9056/9056A
Chemical Oxygen Demand	EPA 410.4	EPA 410.4	-----
Conductivity	EPA 9050/9050A	EPA 9050/9050A	EPA 9050/9050A
Cyanide, Total	EPA 335.4	EPA 9012A/9012B	EPA 9012A/9012B
Cyanide, Amenable and Non-Amenable	EPA 9012A/9012B	EPA 9012A/9012B	EPA 9012A/9012B
Ferrous Iron	SM 3500-Fe B	SM 3500-Fe B	SM 3500-Fe B
Fluoride	EPA 300.0	EPA 9056/9056A	EPA 9056/9056A
Flashpoint	EPA 1010A/1010B	EPA 1010A/1010B	EPA 1010A/1010B
Hexavalent Chromium	EPA 7196A	EPA 7196A	EPA 7196A / EPA 3060A
Hardness, Total	SM 2340C SM2340B	SM 2340C SM2340B	-----
pH	SM 4500 H+B	EPA 9040B/9040C	EPA 9045C/9045D
Oil and Grease (HEM and SGT-HEM)	EPA 1664A/1664B	EPA 1664A/1664B	-----
Percent Moisture	-----	-----	ASTM D2216
Perchlorate	EPA 6850	EPA 6850	EPA 6850
Phenols	EPA 420.4	EPA 9066	-----
Solids, Total	-----	-----	SM 2540B
Solids, Total Suspended	SM 2540D	SM 2540D	-----
Solids, Total Dissolved	SM 2540C	SM 2540C	-----
Sulfate	EPA 300.0 SM 4500-SO ₄ E	EPA 9056/9056A	EPA 9056/9056A
Sulfide, Total	EPA 9034/9030B SM 4500S ₂ D	EPA 9034/9030B SM 4500S ₂ D	EPA 9034/9030B
Sulfide	SM 4500S ₂ D	EPA 9034/9030D	EPA 9034/9030D
Sulfite	SM 4500-SO ₃ B	SM 4500-SO ₃ B	-----

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste	
		Water	Solid
Total Kjeldahl Nitrogen	EPA 351.2	EPA 351.2	EPA 351.2
Purgeable Organics (Volatiles)			
1,1,1,2-Tetrachloroethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1,1-Trichloroethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1,2,2-Tetrachloroethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1,2-Trichloro-1,2,2-trifluoroethane	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,1,2-Trichloroethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1-Dichloroethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1-Dichloroethene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,1-Dichloropropene	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,2 Dibromoethane (EDB)	EPA 624.1	EPA 8260C/8260D EPA 8011	EPA 8260C/8260D EPA 8011
1,2,3-Trichlorobenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,2,3-Trichloropropane	EPA 624.1	EPA 8260C/8260D EPA 8011	EPA 8260C/8260D EPA 8011
1,2,3-Trimethylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,2,4-Trichlorobenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,2,4-Trimethylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dibromo-3-chloropropane (DBCP)	EPA 624.1	EPA 8260C/8260D EPA 8011	EPA 8260C/8260D EPA 8011
1,2-Dichlorobenzene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dichloroethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dichloroethene, Total	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dichloropropane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Xylene (o-Xylene)	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,3,5-Trichlorobenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,3,5-Trimethylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,3-Dichlorobenzene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,3-Dichloropropane	-----	EPA 8260C/8260D	EPA 8260C/8260D
1,3-Dichloropropene, Total	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,4-Dichlorobenzene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
1,4-Dioxane	EPA 624.1	EPA 8260C/8260D EPA 8260C/8260D SIM	EPA 8260C/8260D EPA 8260C/8260D SIM
1-Chlorohexane	-----	EPA 8260C/8260D	EPA 8260C/8260D
2,2-Dichloropropane	-----	EPA 8260C/8260D	EPA 8260C/8260D
2-Butanone [Methyl Ethyl Ketone (MEK)]	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Chloro-1,3-butadiene (Chloroprene)	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Chloroethyl Vinyl Ether	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Chlorotoluene	-----	EPA 8260C/8260D	EPA 8260C/8260D
2-Hexanone	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
2-Nitropropane	-----	EPA 8260C/8260D	EPA 8260C/8260D
2-Pentanone	-----	EPA 8260C/8260D	EPA 8260C/8260D
4-Chlorotoluene	-----	EPA 8260C/8260D	EPA 8260C/8260D
4-Isopropyltoluene (p-Cymene)	-----	EPA 8260C/8260D	EPA 8260C/8260D

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste	
		Water	Solid
4-Methyl-2-pentanone (MIBK)	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Acetone	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Acetonitrile	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Acetylene	RSK-175	RSK-175	-----
Acrolein	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Acrylonitrile	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Allyl Chloride (3-Chloro-1-propene)	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Benzene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromobenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
Bromochloromethane	-----	EPA 8260C/8260D	EPA 8260C/8260D
Bromodichloromethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromoform	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Bromomethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Carbon Disulfide	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Carbon Tetrachloride	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chlorobenzene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chloroethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chloroform	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Chloromethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
cis-1,2-Dichloroethene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
cis-1,3-Dichloropropene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
cis-1,4-Dichloro-2-butene	-----	EPA 8260C/8260D	EPA 8260C/8260D
Cyclohexane	-----	EPA 8260C/8260D	EPA 8260C/8260D
Cyclohexanone	-----	EPA 8260C/8260D	EPA 8260C/8260D
Dibromochloromethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Dibromomethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Dichlorodifluoromethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Dichlorofluoromethane	-----	EPA 8260C/8260D	EPA 8260C/8260D
Diethyl Ether (Ethyl Ether)	-----	EPA 8260C/8260D	EPA 8260C/8260D
Di-isopropylether (Isopropyl ether)	-----	EPA 8260C/8260D	EPA 8260C/8260D
Ethane	RSK-175	RSK-175	-----
Ethanol	-----	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl Acetate	-----	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl Benzene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl Methacrylate	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl Tert-Butyl Ether	-----	EPA 8260C/8260D	EPA 8260C/8260D
Ethylene (Ethene)	RSK-175	RSK-175	-----
Gas Range Organics (GRO)	EPA 8015C/8015D Kansas LRH	EPA 8015C/8015D Kansas LRH	EPA 8015C/8015D Kansas LRH
Hexachlorobutadiene	-----	EPA 8260C/8260D	EPA 8260C/8260D
Hexane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Iodomethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Isopropyl Alcohol	-----	EPA 8260C/8260D	EPA 8260C/8260D

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste	
		Water	Solid
Isopropylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
m+p-Xylene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methacrylonitrile	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methane	RSK-175	RSK-175	-----
Methyl Acetate	-----	EPA 8260C/8260D	EPA 8260C/8260D
Methyl Cyclohexane	-----	EPA 8260C/8260D	EPA 8260C/8260D
Methyl Methacrylate	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methyl Tert-Butyl Ether (MtBE)	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Methylene Chloride	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Naphthalene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
n-Butyl Alcohol (n-Butanol)	-----	EPA 8260C/8260D	EPA 8260C/8260D
n-Butylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
n-Propylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
Propionitrile	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
sec-Butylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
Styrene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
tert-Amyl Methyl Ether	-----	EPA 8260C/8260D	EPA 8260C/8260D
tert-Butyl Alcohol (2-Methyl-2-propanol)	-----	EPA 8260C/8260D	EPA 8260C/8260D
tert-Butylbenzene	-----	EPA 8260C/8260D	EPA 8260C/8260D
Tetrachloroethene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Tetrahydrofuran	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Toluene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
trans-1,2-Dichloroethene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
trans-1,3-Dichloropropene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
trans-1,4-Dichloro-2-butene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Trichloroethene	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Trichlorofluoromethane	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Vinyl Acetate	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D
Vinyl Chloride	EPA 624.1	EPA 8260C/8260D EPA 8260C/8260D SIM	EPA 8260C/8260D EPA 8260C/8260D SIM
Xylenes, Total	EPA 624.1	EPA 8260C/8260D	EPA 8260C/8260D

Extractable Organics (Semivolatiles)

1,1-Biphenyl	-----	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,2,4,5-Tetrachlorobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,2,4-Trichlorobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,2-Dichlorobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,2-Diphenylhydrazine (Azobenzene)	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,3,5-Trinitrobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,3-Dichlorobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,3-Dinitrobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,4-Dichlorobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,4-Dinitrobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1,4-Dioxane	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM ²	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
1,4-Naphthoquinone	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste	
		Water	Solid
1-Chloronaphthalene	-----	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
1-Methylnaphthalene	-----	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
1-Naphthylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,2-oxybis(1-chloropropane) [bis (2-Chloroisopropyl) Ether]	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,3,4,6-Tetrachlorophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,4,5-Trichlorophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,4,6-Trichlorophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,4-Dichlorophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,4-Dimethylphenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,4-Dinitrophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,4-Dinitrotoluene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,6-Dichlorophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2,6-Dinitrotoluene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Acetylaminofluorene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Chloronaphthalene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Chlorophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-methyl-4,6-Dinitrophenol (Dinoseb)	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Methylnaphthalene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
2-Methylphenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Naphthylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Nitroaniline	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Nitrophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
2-Picoline	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
3,3'-Dichlorobenzidine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
3,3-Dimethylbenzidine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
3+4-Methylphenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
3-Methylcholanthrene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
3-Nitroaniline	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4,6-Dinitro-2-methylphenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4-Aminobiphenyl	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4-Bromophenyl phenyl ether	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4-chloro-3-Methylphenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4-Chloroaniline	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4-Chlorophenyl phenyl ether	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4-Nitroaniline	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
4-Nitrophenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
5-nitro-o-Toluidine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
7,12-Dimethylbenz(a)anthracene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Acenaphthene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Acenaphthylene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Acetophenone	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹

<u>Parameter/Analyte</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Water</u>	<u>Solid</u>
Aniline	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Anthracene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Aramite	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Atrazine	-----	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Azobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Benzaldehyde	-----	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Benzidine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Benzo(a)anthracene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Benzo(a)pyrene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Benzo(b)fluoranthene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Benzo(ghi)perylene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Benzo(k)fluoranthene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Benzoic Acid	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Benzyl Alcohol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
bis (2-Chloroethoxy) Methane	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
bis (2-Chloroethyl) Ether	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
bis (2-Ethylhexyl) Phthalate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
butyl Benzyl Phthalate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Caprolactam	-----	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Carbazole	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Chlorobenzilate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Chrysene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Cresols	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Diallate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Dibenzo (a,h) anthracene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Dibenzofuran	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Diesel Range Organics (DRO)	EPA 8015C/8015D Kansas MRH/HRH	EPA 8015C/8015D Kansas MRH/HRH	EPA 8015C/8015D Kansas MRH/HRH
Diethyl Phthalate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Dimethoate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Dimethyl Phthalate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
di-n-butyl Phthalate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
di-n-octyl Phthalate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Diphenylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Disulfoton	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Ethyl Methanesulfonate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Fluorene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM

<u>Parameter/Analyte</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Water</u>	<u>Solid</u>
Fluoroanthene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Hexachlorobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Hexachlorobutadiene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Hexachlorocyclopentadiene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Hexachloroethane	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Hexachloropropene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Indeno (1,2,3-cd) pyrene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Isodrin	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Isophorone	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Isosafrole	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Methapyrilene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Methyl Methane Sulfonate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Motor Oil (Residual Range Organics)	EPA 8015C/8015D Kansas MRH/HRH	EPA 8015C/8015D Kansas MRH/HRH	EPA 8015C/8015D Kansas MRH/HRH
Naphthalene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Nitrobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Nitroquinoline-1-oxide (4-Nitroquinoline-1-oxide)	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosodiethylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosodimethylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosodi-n-butylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosodi-n-propylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosodiphenylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosomethylethylamine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosomorpholine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosopiperidine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
N-Nitrosopyrrolidine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
o,o,o-triethyl Phosphorothioate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
o-Toluidine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Parathion, ethyl	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Parathion, methyl	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
p-Dimethylaminoazobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Pentachlorobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Pentachloroethane	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Pentachloronitrobenzene	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Pentachlorophenol	EPA 625.1	EPA 8270D/8270E ¹ EPA 8321B	EPA 8270D/8270E ¹ EPA 8321B
Phenacetin	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Phenanthrene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Phenol	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Phorate	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Pronamide	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹

<u>Parameter/Analyte</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Water</u>	<u>Solid</u>
Pyrene	EPA 625.1	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM	EPA 8270D/8270E ¹ EPA 8270D/8270E SIM
Pyridine	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Safrole	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Sulfotepp	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹
Thionazin	EPA 625.1	EPA 8270D/8270E ¹	EPA 8270D/8270E ¹

¹In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

²In addition to GC/MS SIM, the lab offers this method by SIM-Isotope dilution for this analyte

Pesticides/Herbicides/PCBs

2,4,5-T	-----	EPA 8321B	EPA 8321B
2,4,5-TP	-----	EPA 8321B	EPA 8321B
2,4-D	-----	EPA 8321B	EPA 8321B
2,4-DB	-----	EPA 8321B	EPA 8321B
4,4'-DDD	EPA 608.3	EPA 8081B	EPA 8081B
4,4'-DDE	EPA 608.3	EPA 8081B	EPA 8081B
4,4'-DDT	EPA 608.3	EPA 8081B	EPA 8081B
Aldrin	EPA 608.3	EPA 8081B	EPA 8081B
alpha-BHC	EPA 608.3	EPA 8081B	EPA 8081B
alpha-Chlordane (cis-Chlordane)	EPA 608.3	EPA 8081B	EPA 8081B
Atrazine	-----	EPA 8141B	EPA 8141B
Azinophos ethyl	-----	EPA 8141B	EPA 8141B
Azinophos methyl	EPA 614	EPA 8141B	EPA 8141B
beta-BHC	EPA 608.3	EPA 8081B	EPA 8081B
Bolstar	-----	EPA 8141B	EPA 8141B
Chlordane (technical)	EPA 608.3	EPA 8081B	EPA 8081B
Chloropyrifos	-----	EPA 8141B	EPA 8141B
Coumaphos	-----	EPA 8141B	EPA 8141B
Dalapon	-----	EPA 8321B	EPA 8321B
delta-BHC	EPA 608.3	EPA 8081B	EPA 8081B
Demeton, total	EPA 614	EPA 8141B	EPA 8141B
Demeton-O	EPA 614	EPA 8141B	EPA 8141B
Demeton-S	EPA 614	EPA 8141B	EPA 8141B
Diazinon	-----	EPA 8141B	EPA 8141B
Dicamba	-----	EPA 8321B	EPA 8321B
Dichloroprop	-----	EPA 8321B	EPA 8321B
Dichlorovos	-----	EPA 8141B	EPA 8141B
Dieldrin	EPA 608.3	EPA 8081B	EPA 8081B
Dimethoate	-----	EPA 8141B	EPA 8141B
Dinoseb (2-methyl-4,6-Dinitrophenol)	-----	EPA 8321B	EPA 8321B
Disulfoton	EPA 614	EPA 8141B	EPA 8141B
Endonsulfan sulfate	EPA 608.3	EPA 8081B	EPA 8081B
Endosulfan I	EPA 608.3	EPA 8081B	EPA 8081B
Endosulfan II	EPA 608.3	EPA 8081B	EPA 8081B
Endrin	EPA 608.3	EPA 8081B	EPA 8081B
Endrin aldehyde	EPA 608.3	EPA 8081B	EPA 8081B
Endrin ketone	EPA 608.3	EPA 8081B	EPA 8081B

<u>Parameter/Analyte</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Water</u>	<u>Solid</u>
EPN	-----	EPA 8141B	EPA 8141B
Ethoprop	-----	EPA 8141B	EPA 8141B
Ethyl Parathion	EPA 614	EPA 8141B	EPA 8141B
Famphur	-----	EPA 8141B	EPA 8141B
Fensulfothion	-----	EPA 8141B	EPA 8141B
Fenthion	-----	EPA 8141B	EPA 8141B
gamma-BHC	EPA 608.3	EPA 8081B	EPA 8081B
gamma-Chlordane (trans-Chlordane)	EPA 608.3	EPA 8081B	EPA 8081B
Heptachlor	EPA 608.3	EPA 8081B	EPA 8081B
Heptachlor epoxide	EPA 608.3	EPA 8081B	EPA 8081B
Hexachlorobenzene	-----	EPA 8081B	EPA 8081B
Malathion	-----	EPA 8141B	EPA 8141B
MCPA	-----	EPA 8321B	EPA 8321B
MCPD	-----	EPA 8321B	EPA 8321B
Merphos	-----	EPA 8141B	EPA 8141B
Methoxychlor	EPA 608.3	EPA 8081B	EPA 8081B
Methyl parathion	EPA 614	EPA 8141B	EPA 8141B
Mevinphos	-----	EPA 8141B	EPA 8141B
Naled	-----	EPA 8141B	EPA 8141B
o,o,o-Triethylphos Phorothioate	-----	EPA 8141B	EPA 8141B
PCB-1016 (Arochlor)	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1221	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1232	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1242	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1248	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1254	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1260	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1262	EPA 608.3	EPA 8082A	EPA 8082A
PCB-1268	EPA 608.3	EPA 8082A	EPA 8082A
Phorate	-----	EPA 8141B	EPA 8141B
Phosmet	-----	EPA 8141B	EPA 8141B
Propazine	-----	EPA 8141B	EPA 8141B
Ronnel	-----	EPA 8141B	EPA 8141B
Simazine	-----	EPA 8141B	EPA 8141B
Stirophos	-----	EPA 8141B	EPA 8141B
Sulfotepp	-----	EPA 8141B	EPA 8141B
Thionazin	-----	EPA 8141B	EPA 8141B
Tokuthion	-----	EPA 8141B	EPA 8141B
Total PCBs	EPA 608.3	EPA 8082A	EPA 8082A
Toxaphene	EPA 608.3	EPA 8081B	EPA 8081B
Trichloronate	-----	EPA 8141B	EPA 8141B

Explosives

1,3,5-Trinitrobenzene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
1,3-Dinitrobenzene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B

<u>Parameter/Analyte</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Water</u>	<u>Solid</u>
2,4,6-Trinitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
3,5-Dinitroaniline	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
2,4-Dinitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
2,4-Diamino-6-nitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
2,6-Dinitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
2,6-Diamino-4-nitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
2-amino-4,6-Dinitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
2-Nitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
3-Nitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
4-amino-2,6-Dinitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
4-Nitrotoluene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
Nitrobenzene	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
Nitroglycerin	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
HMX (octahydro-1,3,5,7-tetrazo-1,3,5,7-Tetrazocine)	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
Pentaerythritoltetranitrate (PETN)	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
Picric acid	EPA 8330B	EPA 8330B	EPA 8330B
RDX (hexahydro-1,3,5-trinitro-1,3,5-Triazine)	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
Tetryl (methyl 2,4,6-Trinitrophenylnitramine)	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
DNX (Hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
MNX (Hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
TNX (hexahydro-1,3,5-trinitroso-1,3,5-triazine)	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B	EPA 8330B EPA 8321B
Tris(o-cresyl)phosphate	EPA 8321B	EPA 8321B	EPA 8321B
<u>Explosives LC/MS/MS</u>			
Tris(o-cresyl)phosphate	EPA 8321B	EPA 8321B	EPA 8321B
Ethylene thiourea	EPA 8321B	EPA 8321B	EPA 8321B
Nitroguanidine	EPA 8321B	EPA 8321B	EPA 8321B
Triaminotrinitrobenzene (TATB)	EPA 8321B	EPA 8321B	EPA 8321B
1,3,5-Trinitrobenzene	-----	EPA 8321B	EPA 8321B

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste	
		Water	Solid
1,3-Dinitrobenzene	-----	EPA 8321B	EPA 8321B
2,4,6-Trinitrotoluene	-----	EPA 8321B	EPA 8321B
3,5-Dinitroaniline	-----	EPA 8321B	EPA 8321B
2,4-Dinitrotoluene	-----	EPA 8321B	EPA 8321B
2,6-Dinitrotoluene	-----	EPA 8321B	EPA 8321B
3,4-Dinitrotoluene	-----	EPA 8321B	EPA 8321B
3,5-Dinitrotoluene	-----	EPA 8321B	EPA 8321B
2-amino-4,6-Dinitrotoluene	-----	EPA 8321B	EPA 8321B
2-Nitrotoluene	-----	EPA 8321B	EPA 8321B
3-Nitrotoluene	-----	EPA 8321B	EPA 8321B
4-amino-2,6-Dinitrotoluene	-----	EPA 8321B	EPA 8321B
4-Nitrotoluene	-----	EPA 8321B	EPA 8321B
Nitrobenzene	-----	EPA 8321B	EPA 8321B
Nitroglycerin	-----	EPA 8321B	EPA 8321B
HMX (octahydro-1,3,5,7-tetrazo-1,3,5,7-Tetrazocine)	-----	EPA 8321B	EPA 8321B
Pentaerythritoltetranitrate (PETN)	-----	EPA 8321B	EPA 8321B
RDX (hexahydro-1,3,5-trinitro-1,3,5-Triazine)	-----	EPA 8321B	EPA 8321B
Tetryl (methyl 2,4,6-Trinitrophenylnitramine)	-----	EPA 8321B	EPA 8321B
DNX (Hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)	-----	EPA 8321B	EPA 8321B
MNX (Hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)	-----	EPA 8321B	EPA 8321B
TNX (hexahydro-1,3,5-trinitroso-1,3,5-triazine)	-----	EPA 8321B	EPA 8321B

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste		Tissue	Aqueous Film Forming Foams (AFFF)
			Water	Solid		

Per and Polyfluoroalkyl Substances (PFAS)

Perfluorobutanoic acid (PFBA)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoropentanoic acid (PFPeA)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorohexanoic acid (PFHxA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoroheptanoic acid (PFHpA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorooctanoic acid (PFOA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorononanoic acid (PFNA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorodecanoic acid (PFDA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste		Tissue	Aqueous Film Forming Foams (AFFF)
			Water	Solid		
Perfluoroundecanoic acid (PFUnA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorododecanoic acid (PFDoA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorotetradecanoic acid (PFTeDA)	EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorobutanesulfonic acid (PFBS)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoropentanesulfonic acid (PFPeS)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorohexanesulfonic acid (PFHxS)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoroheptanesulfonic acid (PFHpS)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorooctanesulfonic acid (PFOS)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorononanesulfonic acid (PFNS)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorodecanesulfonic acid (PFDS)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorododecansulfonic acid (PFDoS)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorooctanesulfonamide (PFOSA, FOSA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
N-ethylperfluorooctane-sulfonamide (NEtFOSA, Et-FOSA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
N-methylperfluorooctane-sulfonamide (NMeFOSA, Me-FOSA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
2-(N-ethylperfluorooctane-sulfonamido) ethanol (NEtFOSE, Et-FOSE)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
2-(N-methylperfluorooctane-sulfonamido) ethanol (NMeFOSE, Me-FOSE)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
N-ethylperfluorooctane-sulfonamidoacetic acid (NEtFOSAA, EtFOSAA)	EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
N-methylperfluorooctane-sulfonamidoacetic acid (NMeFOSAA, MeFOSAA)	EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste		Tissue	Aqueous Film Forming Foams (AFFF)
			Water	Solid		
1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2) (4:2 FTS)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
1H,1H,2H,2H-perfluorooctane sulfonic acid (6:2) (6:2 FTS)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2) (8:2 FTS)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
3-Perfluoropropylpropanoic acid (3:3 FTCA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
3-Perfluoroheptyl propanoic acid (7:3 FTCA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoro(2-propoxypropanoic) acid or Hexafluoropropylene oxide dimer acid (HFPO-DA, GenX)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
4,8-dioxa-3H-perfluorononanoic acid (DONA, ADONA)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoro-3-methoxypropanoic acid (PFMPA, PFECA F)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoro-4-methoxybutanoic acid (PFMBA, PFECA A)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Nonafluoro-3,6-dioxaheptanoic acid (NFHDA, PFECA B)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUDS)	EPA 533 EPA 537.1	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA, PESS)	EPA 533	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluoropropinoic acid (PFPrA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorohexadecanoic acid (PFHxDA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Perfluorooctadecanoic acid (PFODA)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
Bis(trifluoromethane) sulfonimide (TFSI)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A

<u>Parameter/Analyte</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
		<u>Water</u>	<u>Solid</u>

Hazardous Waste Characteristics

Conductivity	SM 2510B	EPA 9050A	EPA 9050A
Corrosivity	SM 4500 H+B	EPA 9040B/9040C	EPA 9045C/9045D
Paint filter liquids test	-----	EPA 9095A/9095B	EPA 9095A/9095B
Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	EPA 1312	EPA 1312
Toxicity Characteristic Leaching Procedure	EPA 1311	EPA 1311	EPA 1311
California Waste Extraction Test	CA WET	CA WET	CA WET
Turbidity	EPA 180.1	-----	-----

Organic Prep Methods

Microwave extraction	-----	-----	EPA 3546
Separatory funnel liquid-liquid extraction	EPA 3510C	EPA 3510C	-----
Microextraction	EPA 3511	EPA 3511	-----
Solid phase extraction	EPA 3535/3535A	EPA 3535/3535A	-----
Ultrasonic extraction	-----	-----	EPA 3550B/3550C
Volatiles purge and trap	EPA 5030B/5030C	EPA 5030B/5030C	EPA 5030A EPA 5035/5035A
Waste dilution	EPA 3580A	EPA 3580A	EPA 3580A

Organic Cleanup Procedures

Florisil Cleanup	EPA 3620B/3620C	EPA 3620B/3620C	EPA 3620B/3620C
Silica Gel Cleanup	EPA 3630C	EPA 3630C	EPA 3630C
Sulfur Cleanup	EPA 3660A/3660B	EPA 3660A/3660B	EPA 3660A/3660B
Sulfuric Acid/Permanganate Cleanup	EPA 3665A	EPA 3665A	EPA 3665A

Metals Digestion

Acid Digestion for Total Metals	EPA 3005A EPA 200.7 (Mod) EPA 200.8 (Mod)	EPA 3005A EPA 200.7 (Mod) EPA 200.8 (Mod)	-----
Acid Digestion of Sediments, Sludges and Soils	-----	-----	EPA 3050B EPA 3051A
Acid Digestion Total Recoverable or Dissolved Metals	EPA 3005A	EPA 3005A	-----

Incremental Sampling Methodology

ISM Prep, with or without Grinding	-----	-----	EPA 8330B Appendix A QSM V6.0 Table B-3/B-30
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In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005 and for the test methods applicable 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:

WYOMING STORAGE TANK PROGRAM

<u>Parameter/Analyte</u>	<u>Solid Hazardous Waste (Water)</u>	<u>Solid Hazardous Waste (Solid)</u>
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Metals

Cadmium	EPA 6010C/6010D	EPA 6010C/6010D
Chromium	EPA 6010C/6010D	EPA 6010C/6010D
Lead	EPA 6010C/6010D	EPA 6010C/6010D

Wet Chemistry

Hexavalent chromium	EPA 7196A	EPA 7196A/EPA 3060A
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Pureable Organics (Volatiles)

tert-Amyl Methyl Ether	EPA 8260C/8260D	EPA 8260C/8260D
Benzene	EPA 8260C/8260D	EPA 8260C/8260D
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Dichloroethane	EPA 8260C/8260D	EPA 8260C/8260D
Di-isopropylether	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl benzene	EPA 8260C/8260D	EPA 8260C/8260D
Ethyl tert-butyl ether	EPA 8260C/8260D	EPA 8260C/8260D
Gas Range Organics (GRO)	EPA 8015C/8015D	EPA 8015C/8015D
Methyl tert-butyl ether (MTBE)	EPA 8260C/8260D	EPA 8260C/8260D
Naphthalene	EPA 8260C/8260D	EPA 8260C/8260D
Toluene	EPA 8260C/8260D	EPA 8260C/8260D
Xylenes, total	EPA 8260C/8260D	EPA 8260C/8260D
1,2-Xylene	EPA 8260C/8260D	EPA 8260C/8260D
m+p-Xylene	EPA 8260C/8260D	EPA 8260C/8260D

Extractable Organics (Semivolatiles)

Diesel Range Organics (DRO)	EPA 8015C/8015D (WY: C10-C32)	EPA 8015C/8015D (WY: C10-C32)
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Organic Prep Methods

Volatiles Purge and Trap	EPA 5030B/5030C (water) /5030A (solids)	EPA 5030B/5030C (water) /5030A (solids)
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Accredited Laboratory

A2LA has accredited

EUROFINS TESTAMERICA DENVER

Arvada, CO

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 TNI Environmental Testing Laboratory Standard, the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP), and the requirements of the Department of Energy Consolidated Audit Program (DOECAP) as detailed in version 6.0 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 November 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2907.01
Valid to October 31, 2026

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