



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AMERICAN WEST ANALYTICAL LABORATORIES

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ENVIRONMENTAL

Valid To: June 30, 2018

Certificate Number: 3236.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, the 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.0 of the DoD Quality Systems Manual for Environmental Laboratories) and for the test methods applicable to the Wyoming Storage Tank Remediation Laboratory Accreditation Program, and for the test methods applicable to the National Lead Laboratory Accreditation Program (NLLAP), 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, Gravimetry, High Performance Liquid Chromatography, LC/MS/MS, Ion Chromatography, Misc.- Electronic Probes (pH, O₂), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), IR Spectrometry, Titrimetry, Total Organic Carbon

<u>Parameter/ Analyte</u>	<u>SDWA Potable Water</u>	<u>CWA Nonpotable Water</u>	<u>RCRA Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Metals				
Aluminum	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Antimony	EPA 200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Arsenic	EPA 200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Barium	EPA 200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Beryllium	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Boron	EPA 200.7	EPA 200.7	EPA 6010D/6020B	EPA 6010D/6020B
Cadmium	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Calcium	EPA 200.7	EPA 200.7	EPA 6010D	EPA 6010D
Chromium	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Cobalt	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Copper	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Iron	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Lead	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Magnesium	EPA 200.7	EPA 200.7	EPA 6010D	EPA 6010D

<u>Parameter/ Analyte</u>	<u>SDWA</u>	<u>CWA</u>	<u>RCRA Solid Hazardous Waste</u>	
	<u>Potable Water</u>	<u>Nonpotable Water</u>	<u>Aqueous</u>	<u>Solid</u>
Manganese	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Mercury	EPA 245.1	EPA 245.1	EPA 7470A/7471B	EPA 7470A/7471B
Molybdenum	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Nickel	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Potassium	EPA 200.7	EPA 200.7	EPA 6010D	-----
Selenium	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Silicon/Silica	EPA 200.7	EPA 200.7	EPA 6010D	EPA 6010D
Silver	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Sodium	EPA 200.7	EPA 200.7	EPA 6010D	EPA 6010D
Strontium	-----	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Thallium	EPA 200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Tin	-----	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Titanium	EPA 200.8	EPA 200.7/200.8	EPA 6010D	EPA 6010D
Uranium	EPA 200.8	EPA 200.8	EPA 6020B	EPA 6020B
Vanadium	-----	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
Zinc	EPA 200.7/200.8	EPA 200.7/200.8	EPA 6010D/6020B	EPA 6010D/6020B
<u>Nutrients</u>				
Nitrate (as N)	EPA 353.2	-----	EPA 353.2	-----
Nitrate-nitrite (as N)	EPA 353.2	EPA 353.2	EPA 353.2	-----
Nitrite (as N)	EPA 353.2	-----	EPA 353.2	-----
Orthophosphate (as P)	EPA 365.1	EPA 365.1	-----	-----
<u>Demands</u>				
Total Organic Carbon	SM 5310B	SM 5310B	-----	-----
<u>Wet Chemistry</u>				
Alkalinity	SM 2320B	SM 2320B	SM 2320B	-----
Bromide	-----	EPA 300.0	EPA 9056A	-----
Chloride	EPA 300.0 SM 4500-Cl-E	EPA 300.0 SM 4500-Cl-E	EPA 9056A/9251 Modified	-----
Fluoride	EPA 300.0 SM 4500-F-C	EPA 300.0 SM 4500-F-C	EPA 9056A	-----
Sulfate	EPA 300.0 SM 4500(SO4)-2E	EPA 300.0	EPA 9056A EPA 9038	-----
Hexavalent Chromium	-----	SM 3500-CrB	EPA 7196A	EPA 7196A
Oil and Grease	-----	EPA 1664B	EPA 9070A EPA 1664B	EPA 9070A (Mod.) EPA 1664B (Mod.)
Total Residue	SM 2540B	SM 2540B	-----	-----
Residue, Total, Fixed, and Volatile	-----	SM 2540G	-----	-----
Filterable Residue	-----	SM 2540C	SM 2540C (Mod.)	SM 2540C (Mod.)
Nonfilterable Residue	-----	SM 2540D	-----	-----
Settleable Residue	-----	SM 2540F	-----	-----
<u>Purgeable Organics (volatiles)</u>				

<u>Parameter/ Analyte</u>	<u>SDWA Potable Water</u>	<u>CWA Nonpotable Water</u>	<u>RCRA Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Acetone	-----	-----	EPA 8260C	EPA 8260C
Acetonitrile	-----	-----	EPA 8260C	EPA 8260C
Acrolein	-----	EPA 624 Modified	EPA 8260C	EPA 8260C
Acrylonitrile	-----	EPA 624 Modified	EPA 8260C	EPA 8260C
Allyl Chloride	-----	-----	EPA 8260C	EPA 8260C
Benzene	-----	EPA 624	EPA 8260C	EPA 8260C
Benzyl Chloride	-----	-----	EPA 8260C	EPA 8260C
Bis (2-chloroisopropyl) Ether	-----	-----	EPA 8260C	EPA 8260C
Bromobenzene	-----	-----	EPA 8260C	EPA 8260C
Bromochloromethane	-----	-----	EPA 8260C	EPA 8260C
Bromodichloromethane	-----	EPA 624	EPA 8260C	EPA 8260C
Bromoform	-----	EPA 624	EPA 8260C	EPA 8260C
Bromomethane (Methyl Bromide)	-----	EPA 624	EPA 8260C	EPA 8260C
2-Butanone (Methyl Ethyl Ketone, MEK)	-----	-----	EPA 8260C	EPA 8260C
Butyl Acetate	-----	-----	EPA 8260C	EPA 8260C
n-Butylbenzene	-----	-----	EPA 8260C	EPA 8260C
sec-Butylbenzene	-----	-----	EPA 8260C	EPA 8260C
tert-Butylbenzene	-----	-----	EPA 8260C	EPA 8260C
tert-Butyl Alcohol	-----	-----	EPA 8260C	EPA 8260C
Carbon Disulfide	-----	-----	EPA 8260C	EPA 8260C
Carbon Tetrachloride	-----	EPA 624	EPA 8260C	EPA 8260C
Chlorobenzene	-----	EPA 624	EPA 8260C	EPA 8260C
Chloroethane	-----	EPA 624	EPA 8260C	EPA 8260C
2-Chloroethyl Vinyl Ether	-----	EPA 624	EPA 8260C	EPA 8260C
Chloroform	-----	EPA 624	EPA 8260C	EPA 8260C
Chloromethane	-----	EPA 624	EPA 8260C	EPA 8260C
Chloroprene (2-Chloro-1,3- butadiene)	-----	-----	EPA 8260C	EPA 8260C
Cyclohexane	-----	-----	EPA 8260C	EPA 8260C
Cyclohexanone	-----	-----	EPA 8260C	EPA 8260C
2-Chlorotoluene	-----	-----	EPA 8260C	EPA 8260C
4-Chlorotoluene	-----	-----	EPA 8260C	EPA 8260C
Dibromochloromethane	-----	EPA 624	EPA 8260C	EPA 8260C
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	EPA 624 (Mod.)	EPA 8260C/8011	EPA 8260C
Dibromomethane	-----	EPA 624 (Mod.)	EPA 8260C	EPA 8260C
1,2 Dibromoethane (EDB)	EPA 504.1	EPA 624 (Mod.)	EPA 8260C/8011	EPA 8260C
1,2-Dichlorobenzene	-----	EPA 624	EPA 8260C	EPA 8260C
1,3-Dichlorobenzene	-----	EPA 624	EPA 8260C	EPA 8260C
1,4-Dichlorobenzene	-----	EPA 624	EPA 8260C	EPA 8260C
1,4-Dioxane (1,4- Diethyleneoxide)	-----	-----	EPA 8260C	EPA 8260C
Dichlorodifluoromethane	-----	-----	EPA 8260C	EPA 8260C
1,1-Dichloroethane	-----	EPA 624	EPA 8260C	EPA 8260C
1,2-Dichloroethane	-----	EPA 624	EPA 8260C	EPA 8260C
1,1-Dichloroethene	-----	EPA 624	EPA 8260C	EPA 8260C



<u>Parameter/ Analyte</u>	<u>SDWA Potable Water</u>	<u>CWA Nonpotable Water</u>	<u>RCRA Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
cis-1,2-Dichloroethene	-----	-----	EPA 8260C	EPA 8260C
trans-1,2-Dichloroethene	-----	EPA 624	EPA 8260C	EPA 8260C
1,2-Dichloropropane	-----	EPA 624	EPA 8260C	EPA 8260C
1,3-Dichloropropane	-----	-----	EPA 8260C	EPA 8260C
2,2-Dichloropropane	-----	-----	EPA 8260C	EPA 8260C
1,1-Dichloropropene	-----	-----	EPA 8260C	EPA 8260C
cis-1,3-Dichloropropene	-----	EPA 624	EPA 8260C	EPA 8260C
trans-1,3-Dichloropropene	-----	EPA 624	EPA 8260C	EPA 8260C
trans-1,4-Dichloro-2-butene	-----	-----	EPA 8260C	EPA 8260C
Diethyl Ether	-----	-----	EPA 8260C	EPA 8260C
Ethyl Acetate	-----	-----	EPA 8260C	EPA 8260C
Ethyl Benzene	-----	EPA 624	EPA 8260C	EPA 8260C
Ethyl Methacrylate	-----	-----	EPA 8260C	EPA 8260C
Gas Range Organics (GRO)	-----	-----	EPA 8260C (Mod.)	EPA 8260C (Mod.)
2-Hexanone	-----	-----	EPA 8260C	EPA 8260C
Hexachlorobutadiene	-----	-----	EPA 8260C	EPA 8260C
Isopropylbenzene	-----	-----	EPA 8260C	EPA 8260C
4-Isopropyltoluene	-----	-----	EPA 8260C	EPA 8260C
Iodomethane	-----	-----	EPA 8260C	EPA 8260C
Isobutyl alcohol (2-Methyl-1-propanol)	-----	-----	EPA 8260C	EPA 8260C
Isopropyl Acetate	-----	-----	EPA 8260C	EPA 8260C
Isopropyl Alcohol	-----	-----	EPA 8260C	EPA 8260C
Methacrylonitrile	-----	-----	EPA 8260C	EPA 8260C
Methyl Acetate	-----	-----	EPA 8260C	EPA 8260C
Methylene Chloride	-----	EPA 624	EPA 8260C	EPA 8260C
Methylcyclohexane	-----	-----	EPA 8260C	EPA 8260C
Methyl tert-Butyl Ether	-----	-----	EPA 8260C	EPA 8260C
4-Methyl-2-pentanone	-----	-----	EPA 8260C	EPA 8260C
Naphthalene	-----	-----	EPA 8260C	EPA 8260C
n-Butyl Alcohol	-----	-----	EPA 8260C	EPA 8260C
Pentachloroethane	-----	-----	EPA 8260C	EPA 8260C
Propionitrile	-----	-----	EPA 8260C	EPA 8260C
n-Amyl Acetate	-----	-----	EPA 8260C	EPA 8260C
n-Hexane	-----	-----	EPA 8260C	EPA 8260C
n-Octane	-----	-----	EPA 8260C	EPA 8260C
n-Propylbenzene	-----	-----	EPA 8260C	EPA 8260C
2-Nitropropane	-----	-----	EPA 8260C	EPA 8260C
Styrene	-----	-----	EPA 8260C	EPA 8260C
1,1,1,2-Tetrachloroethane	-----	EPA 624 (Mod.)	EPA 8260C	EPA 8260C
1,1,2,2-Tetrachloroethane	-----	EPA 624	EPA 8260C	EPA 8260C
Tetrachloroethene	-----	EPA 624	EPA 8260C	EPA 8260C
Tetrahydrofuran (THF)	-----	-----	EPA 8260C	EPA 8260C
Toluene	-----	EPA 624	EPA 8260C	EPA 8260C
1,1,1-Trichloroethane	-----	EPA 624	EPA 8260C	EPA 8260C
1,1,2-Trichloroethane	-----	EPA 624	EPA 8260C	EPA 8260C



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1,1,2-Trichloro-1,2,2-trifluoroethane	-----	-----	EPA 8260C	EPA 8260C
Trichloroethene	-----	EPA 624	EPA 8260C	EPA 8260C
Trichlorofluoromethane	-----	EPA 624	EPA 8260C	EPA 8260C
1,2,3-Trichlorobenzene	-----	-----	EPA 8260C	EPA 8260C
1,2,3-Trichloropropane	-----	-----	EPA 8260C	EPA 8260C
1,2,4-Trichlorobenzene	-----	-----	EPA 8260C	EPA 8260C
1,2,4-Trimethylbenzene	-----	-----	EPA 8260C	EPA 8260C
1,3,5-Trimethylbenzene	-----	-----	EPA 8260C	EPA 8260C
Vinyl Acetate	-----	-----	EPA 8260C	EPA 8260C
Vinyl Chloride	-----	EPA 624	EPA 8260C	EPA 8260C
Xylenes, Total	-----	EPA 624 (Mod.)	EPA 8260C	EPA 8260C
m-Xylene	-----	-----	EPA 8260C	EPA 8260C
o-Xylene	-----	-----	EPA 8260C	EPA 8260C
p-Xylene	-----	-----	EPA 8260C	EPA 8260C
<u>Extractable Organics (semivolatiles)</u>				
Acenaphthene	-----	EPA 625	EPA 8270D	EPA 8270D
Acenaphthylene	-----	EPA 625	EPA 8270D	EPA 8270D
Acetophenone	-----	-----	EPA 8270D	EPA 8270D
4-Aminobiphenyl	-----	-----	EPA 8270D	EPA 8270D
Aniline	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
Anthracene	-----	EPA 625	EPA 8270D	EPA 8270D
Aramite	-----	-----	EPA 8270D	EPA 8270D
Azobenzene	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
Benzidine	-----	EPA 625	EPA 8270D	EPA 8270D
Benzoic Acid	-----	-----	EPA 8270D	EPA 8270D
Benzo (a) Anthracene	-----	EPA 625	EPA 8270D	EPA 8270D
Benzo (b) Fluoranthene	-----	EPA 625	EPA 8270D	EPA 8270D
Benzo (k) Fluoranthene	-----	EPA 625	EPA 8270D	EPA 8270D
Benzo (a) Pyrene	-----	EPA 625	EPA 8270D	EPA 8270D
Benzo (g,h,i) Perylene	-----	EPA 625	EPA 8270D	EPA 8270D
Benzyl Alcohol	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
Bis (2-chloroethoxy) Methane	-----	EPA 625	EPA 8270D	EPA 8270D
Bis (2-Chloroethyl) Ether	-----	EPA 625	EPA 8270D	EPA 8270D
Bis (2-chloroisopropyl) Ether	-----	EPA 625	EPA 8270D	EPA 8270D
Bis (2-ethylhexyl) Phthalate	-----	EPA 625	EPA 8270D	EPA 8270D
Bis (2-Ethylhexyl) Adipate	-----	-----	EPA 8270D	EPA 8270D
4-Bromophenyl Phenyl Ether	-----	EPA 625	EPA 8270D	EPA 8270D
Butyl Benzyl Phthalate	-----	EPA 625	EPA 8270D	EPA 8270D
4-Chloroaniline	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
4-Chloro-3-methylphenol	-----	EPA 625	EPA 8270D	EPA 8270D
2-Acetylaminofluorene	-----	-----	EPA 8270D	EPA 8270D
1-Chloronaphthalene	-----	-----	EPA 8270D	EPA 8270D
2-Chloronaphthalene	-----	EPA 625	EPA 8270D	EPA 8270D
2-Chlorophenol	-----	EPA 625	EPA 8270D	EPA 8270D



<u>Parameter/ Analyte</u>	<u>SDWA Potable Water</u>	<u>CWA Nonpotable Water</u>	<u>RCRA Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
4-Chlorophenyl Phenyl Ether	-----	EPA 625	EPA 8270D	EPA 8270D
Carbazole	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
Chlorobenzilate	-----	-----	EPA 8270D	EPA 8270D
Chrysene	-----	EPA 625	EPA 8270D	EPA 8270D
Diallate	-----	-----	EPA 8270D	EPA 8270D
Dibenzo (a,h) Anthracene	-----	EPA 625	EPA 8270D	EPA 8270D
Dibenzofuran	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
Diethyl Phthalate	-----	-----	EPA 8270D	EPA 8270D
Dimethoate	-----	-----	EPA 8270D	EPA 8270D
1,2-Dichlorobenzene	-----	EPA 625	EPA 8270D	EPA 8270D
1,3,5-Tinitrobenzene (1,3,5-TNB)	-----	-----	EPA 8270D	EPA 8270D
1,3-Dichlorobenzene	-----	EPA 625	EPA 8270D	EPA 8270D
1,3-Dinitrobenzene (1,3-DNB)	-----	-----	EPA 8270D	EPA 8270D
1,4-Dichlorobenzene	-----	EPA 625	EPA 8270D	EPA 8270D
1,4-Dinitrobenzene	-----	-----	EPA 8270D	EPA 8270D
1,4-Naphthoquinone	-----	-----	EPA 8270D	EPA 8270D
1,4-Phenylenediamine	-----	-----	EPA 8270D	EPA 8270D
3,3'-Dichlorobenzidine	-----	EPA 625	EPA 8270D	EPA 8270D
2,4-Dichlorophenol	-----	EPA 625	EPA 8270D	EPA 8270D
2,6-Dichlorophenol	-----	-----	EPA 8270D	EPA 8270D
7,12-Dimethylbenz(a)anthracene	-----	-----	EPA 8270D	EPA 8270D
alpha-,alpha-Dimethylphenethylamine	-----	-----	EPA 8270D	EPA 8270D
alpha-Terpineol	-----	-----	EPA 8270D	EPA 8270D
2,4-Dimethylphenol	-----	EPA 625	EPA 8270D	EPA 8270D
Dimethyl Phthalate	-----	EPA 625	EPA 8270D	EPA 8270D
4-Dimethyl Aminoazobenzene	-----	-----	EPA 8270D	EPA 8270D
Di-n-butyl Phthalate	-----	EPA 625	EPA 8270D	EPA 8270D
Di-n-octyl Phthalate	-----	EPA 625	EPA 8270D	EPA 8270D
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	-----	-----	EPA 8270D	EPA 8270D
2,4-Dinitrophenol	-----	EPA 625	EPA 8270D	EPA 8270D
2,4-Dinitrotoluene	-----	EPA 625	EPA 8270D	EPA 8270D
2,6-Dinitrotoluene	-----	EPA 625	EPA 8270D	EPA 8270D
Diphenylamine	-----	-----	EPA 8270D	EPA 8270D
DRO	-----	-----	EPA 8015D	EPA 8015D
Disulfoton	-----	-----	EPA 8270D	EPA 8270D
Ethyl Methanesulfonate	-----	-----	EPA 8270D	EPA 8270D
Famphur	-----	-----	EPA 8270D	EPA 8270D
Fluoroanthene	-----	EPA 625	EPA 8270D	EPA 8270D
Fluorene	-----	EPA 625	EPA 8270D	EPA 8270D
Hexachlorobenzene	-----	EPA 625	EPA 8270D	EPA 8270D
Hexachlorobutadiene	-----	EPA 625	EPA 8270D	EPA 8270D
Hexachlorocyclopentadiene	-----	EPA 625	EPA 8270D	EPA 8270D
Hexachloroethane	-----	EPA 625	EPA 8270D	EPA 8270D
Hexachlorophene	-----	-----	EPA 8270D	EPA 8270D
Hexachloropene	-----	-----	EPA 8270D	EPA 8270D



<u>Parameter/ Analyte</u>	<u>SDWA Potable Water</u>	<u>CWA Nonpotable Water</u>	<u>RCRA Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Indene	-----	-----	EPA 8270D	EPA 8270D
Indeno (1,2,3-cd) Pyrene	-----	EPA 625	EPA 8270D	EPA 8270D
Isodrin	-----	-----	EPA 8270D	EPA 8270D
Isophorone	-----	EPA 625	EPA 8270D	EPA 8270D
Isosafrole	-----	-----	EPA 8270D	EPA 8270D
Kepone	-----	-----	EPA 8270D	EPA 8270D
1-Methylnaphthalene	-----	-----	EPA 8270D	EPA 8270D
3-Methylcholanthrene	-----	-----	EPA 8270D	EPA 8270D
2-Methyl-4,6-Dinitrophenol	-----	EPA 625	EPA 8270D	EPA 8270D
Methapyrilene	-----	-----	EPA 8270D	EPA 8270D
Methyl Methane Sulfonate	-----	-----	EPA 8270D	EPA 8270D
Methyl Parathion	-----	-----	EPA 8270D	EPA 8270D
2-Methylphenol	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
2-Methylnaphthalene	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
3-Methylphenol	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
4-Methylphenol	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
1-Naphthylamine	-----	-----	EPA 8270D	EPA 8270D
Naphthalene	-----	EPA 625	EPA 8270D	EPA 8270D
n-Decane	-----	-----	EPA 8270D	EPA 8270D
2-Naphthylamine	-----	-----	EPA 8270D	EPA 8270D
2-Nitroaniline	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
3-Nitroaniline	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
4-Nitroaniline	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
Nitrobenzene	-----	EPA 625	EPA 8270D	EPA 8270D
2-Nitrophenol	-----	EPA 625	EPA 8270D	EPA 8270D
5-Nitro-o-toluidine	-----	-----	EPA 8270D	EPA 8270D
n-Nitrosodiethylamine	-----	-----	EPA 8270D	EPA 8270D
n-Nitrosodimethylamine	-----	EPA 625	EPA 8270D	EPA 8270D
n-Nitroso-di-n-butylamine	-----	-----	EPA 8270D	EPA 8270D
n-Nitrosodi-n-propylamine	-----	EPA 625	EPA 8270D	EPA 8270D
n-Nitrosomethylethalamine	-----	-----	EPA 8270D	EPA 8270D
n-Nitrosomorpholine	-----	-----	EPA 8270D	EPA 8270D
n-Nitrosopiperidine	-----	-----	EPA 8270D	EPA 8270D
n-Nitrosopyrrolidine	-----	-----	EPA 8270D	EPA 8270D
n-Nitrosodiphenylamine	-----	EPA 625	EPA 8270D	EPA 8270D
2-Methylaniline (o-Toluidine)	-----	-----	EPA 8270D	EPA 8270D
n-Octadecane	-----	-----	EPA 8270D	EPA 8270D
o,o,o-Triethyl Phosphorothioate	-----	-----	EPA 8270D	EPA 8270D
Parathion	-----	-----	EPA 8270D	EPA 8270D
Pentachlorobenzene	-----	-----	EPA 8270D	EPA 8270D
Pentachloronitobenzene	-----	-----	EPA 8270D	EPA 8270D
Pentachlorophenol	-----	EPA 625	EPA 8270D	EPA 8270D
Phenacetin	-----	-----	EPA 8270D	EPA 8270D
Phenanthrene	-----	EPA 625	EPA 8270D	EPA 8270D
Phenol	-----	EPA 625	EPA 8270D	EPA 8270D
Phorate	-----	-----	EPA 8270D	EPA 8270D
2-Picoline	-----	-----	EPA 8270D	EPA 8270D



<u>Parameter/ Analyte</u>	<u>SDWA Potable Water</u>	<u>CWA Nonpotable Water</u>	<u>RCRA Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Pronamide	-----	-----	EPA 8270D	EPA 8270D
Pyrene	-----	EPA 625	EPA 8270D	EPA 8270D
Pyridine	-----	-----	EPA 8270D	EPA 8270D
Quinoline	-----	-----	EPA 8270D	EPA 8270D
Safrole	-----	-----	EPA 8270D	EPA 8270D
1,2,4,5-Tetrachlorobenzene	-----	-----	EPA 8270D	EPA 8270D
2,3,4,6-Tetrachlorophenol	-----	-----	EPA 8270D	EPA 8270D
1,2,4-Trichlorobenzene	-----	EPA 625	EPA 8270D	EPA 8270D
2,4,5-Trichlorophenol	-----	EPA 625 (Mod.)	EPA 8270D	EPA 8270D
2,4,6-Trichlorophenol	-----	EPA 625	EPA 8270D	EPA 8270D
<u>Pesticides/Herbicides/PCBs</u>				
Acifluorfen	-----	-----	EPA 8151A	-----
Aldrin	-----	EPA 608	EPA 8081B	EPA 8081B
alpha-BHC	-----	EPA 608	EPA 8081B	EPA 8081B
Bentazon	-----	-----	EPA 8151A	-----
alpha-Chlordane	-----	EPA 608	EPA 8081B	EPA 8081B
beta-BHC	-----	EPA 608	EPA 8081B	EPA 8081B
delta-BHC	-----	EPA 608	EPA 8081B	EPA 8081B
gamma-BHC	-----	EPA 608	EPA 8081B	EPA 8081B
gamma-Chlordane	-----	EPA 608	EPA 8081B	EPA 8081B
Chloramben	-----	-----	EPA 8151A	-----
Chlordane (technical)	-----	EPA 608	EPA 8081B	EPA 8081B
2,4-D	-----	-----	EPA 8151A	-----
Dalapon	-----	-----	EPA 8151A	-----
2,4-DB	-----	-----	EPA 8151A	-----
3,5-Dichlorobenzoic Acid	-----	-----	EPA 8151A	-----
4,4'-DDD	-----	EPA 608	EPA 8081B	EPA 8081B
4,4'-DDE	-----	EPA 608	EPA 8081B	EPA 8081B
4,4',-DDT	-----	EPA 608	EPA 8081B	EPA 8081B
4-Nitrophenol	-----	-----	EPA 8151A	-----
Dicamba	-----	-----	EPA 8151A	-----
Dichloroprop	-----	-----	EPA 8151A	-----
Dieldrin	-----	EPA 608	EPA 8081B	EPA 8081B
Endosulfan I	-----	EPA 608	EPA 8081B	EPA 8081B
Endosulfan II	-----	EPA 608	EPA 8081B	EPA 8081B
Endonsulfan Sulfate	-----	EPA 608	EPA 8081B	EPA 8081B
Endrin	-----	EPA 608	EPA 8081B	EPA 8081B
Endrin Aldehyde	-----	EPA 608	EPA 8081B	EPA 8081B
Endrin Ketone	-----	EPA 608	EPA 8081B	EPA 8081B
Heptachlor	-----	EPA 608	EPA 8081B	EPA 8081B
Heptachlor Epoxide	-----	EPA 608	EPA 8081B	EPA 8081B
Isodrin	-----	EPA 608	EPA 8081B	EPA 8081B
MCPA	-----	-----	EPA 8151A	-----
MCPP	-----	-----	EPA 8151A	-----
Methoxychlor	-----	EPA 608	EPA 8081B	EPA 8081B
PCB-1016 (Arochlor)	-----	EPA 608	EPA 8082A	EPA 8082A



<u>Parameter/ Analyte</u>	<u>SDWA Potable Water</u>	<u>CWA Nonpotable Water</u>	<u>RCRA Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
PCB-1221	-----	EPA 608	EPA 8082A	EPA 8082A
PCB-1232	-----	EPA 608	EPA 8082A	EPA 8082A
PCB-1242	-----	EPA 608	EPA 8082A	EPA 8082A
PCB-1248	-----	EPA 608	EPA 8082A	EPA 8082A
PCB-1254	-----	EPA 608	EPA 8082A	EPA 8082A
PCB-1260	-----	EPA 608	EPA 8082A	EPA 8082A
PCB-1262	-----	EPA 608	EPA 8082A	EPA 8082A
PCB-1268	-----	EPA 608	EPA 8082A	EPA 8082A
Decachlorobiphenyl (BZ-209)	-----	-----	EPA 8082A	EPA 8082A
Pentachlorophenol	-----	-----	EPA 8151A	-----
Picloram	-----	-----	EPA 8151A	-----
2,4,5-T	-----	-----	EPA 8151A	-----
2,4,5-TP	-----	-----	EPA 8151A	-----
Toxaphene	-----	EPA 608	EPA 8081B	EPA 8081B
<u>Hazardous Waste Characteristics</u>				
Ignitability	-----	-----	EPA 1010A	EPA 1010A
Synthetic Precipitation Leaching Procedure (SPLP)	-----	-----	EPA 1312	EPA 1312
Toxicity Characteristic Leaching Procedure (Metals, Semi- Volatiles, Volatiles)	-----	-----	EPA 1311	EPA 1311
<u>Preparation Methods:</u>	-----	EPA 3005A EPA 3510C EPA 3640A EPA 5030C EPA 3665 (Mod.)	EPA 3005A EPA 3510C EPA 3640A EPA 5030C EPA 3665 (Mod.)	EPA 3051A EPA 3546 EPA 3580A EPA 3640A EPA 5035A EPA 3665 (Mod.)

Wyoming STR Program

<u>Parameter/Analyte</u>	<u>Solid Hazardous Waste</u>	
	<u>Aqueous</u>	<u>Solid</u>
<u>Metals</u>		
Cadmium	EPA 6010C	EPA 6010C
Chromium	EPA 6010C	EPA 6010C
Lead	EPA 6010C	EPA 6010C
<u>Purgeable Organics (Volatiles)</u>		
Benzene	EPA 8260C	EPA 8260C
Ethyl Benzene	EPA 8260C	EPA 8260C
Methyl-t-butyl Ether (MTBE)	EPA 8260C	EPA 8260C

Wyoming STR Program

<u>Parameter/Analyte</u>	<u>Solid Hazardous Waste</u>	
Naphthalene	EPA 8260C	EPA 8260C
t-Butyl Alcohol	EPA 8260C	EPA 8260C
Toluene	EPA 8260C	EPA 8260C
Xylenes, Total	EPA 8260C	EPA 8260C

Environmental Lead

<u>Test</u>	<u>Test Method(s)</u>
Lead in Dust Wipes	EPA 3005A/6020A/6020B
Lead in Soil	EPA 3051A/6020A/6020B
Lead in Paint	EPA 3051A/6020A/6020B
Lead in Air (MCE filter)	EPA 3005A/6020A/6020B



Accredited Laboratory

A2LA has accredited

AMERICAN WEST ANALYTICAL LABORATORIES

Salt Lake City, UT

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 17025:2005, 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 5.0 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 8 January 2009).



Presented this 13th day of June 2016.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3236.01
Valid to June 30, 2018
Revised May 25, 2018

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