



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Proficiency Testing Provider

A2LA has accredited

ERA

Arvada, CO

for technical competence as a

Proficiency Testing Provider

This accreditation covers the specific proficiency testing samples listed on the agreed upon Scope of Accreditation. This provider meets the ILAC G-13:2007 Guidelines for the Requirements for the Competence of Providers of Proficiency Testing (comprising ISO Guide 43-1:1997, as well as relevant elements of ISO/IEC 17025:2005 applicable to characterization, homogeneity and stability testing of proficiency testing materials), and the management system requirements of ISO/IEC 17025:2005, which includes the principles of ISO 9000:2005.

Presented this 29th day of January 2009.





President & CEO

For the Accreditation Council
Certificate Number 1539.01
Valid to September 30, 2010
Revised August 25, 2009

For the proficiency testing schemes to which this accreditation applies, please refer to the provider's Scope of Accreditation.



SCOPE OF ACCREDITATION TO THE ISO GUIDE 43-1:1997 and ILAC G13:2007

ERA
 6000 West 54th Avenue
 Arvada, CO 80002
 Mr. Curtis Wood Phone: (303) 431 8454
 Email: cwood@eraqc.com

PROFICIENCY TESTING PROVIDER

Valid To: September 30, 2010

Certificate Number: 1539.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this proficiency testing provider for the design, preparation, and operation of PT schemes that meet the requirements of ISO Guide 43-1:1997, ILAC G13:2007, EPA National Standards for Water Proficiency Testing Studies Criteria Document, and relevant sections of ISO Guide 34:2000, ISO/IEC 17025:2005 and 2003 NELAC Chapter 2 and Chapter 5:

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
<u>Metals</u>					
Aluminum	√	√	√		√
Antimony	√	√	√	√	√
Arsenic	√	√	√	√	√
Barium	√	√	√	√	√
Beryllium	√	√	√	√	√
Boron	√	√	√		
Cadmium	√	√	√	√	√
Calcium	√	√	√		√
Chromium (total)	√	√	√	√	√
Chromium (VI)	√	√	√	√	√
Cobalt		√	√	√	√
Copper	√	√	√	√	√
Iron	√	√	√		√
Lead	√	√	√	√	√
Magnesium	√	√	√		√
Manganese	√	√	√	√	√
Mercury	√	√	√	√	√
Molybdenum	√	√	√		√
Nickel	√	√	√	√	√
Potassium	√	√	√		√
Selenium	√	√	√	√	√
Silver	√	√	√	√	√
Sodium	√	√	√		√
Strontium		√	√		√
Thallium	√	√	√	√	√

Peter Almyer

(A2LA Cert. No. 1539.01) revised 12/17/09

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Tin		√	√		
Titanium		√	√		
Uranium	√				
Vanadium	√	√	√		√
Zinc	√	√	√	√	√
<u>Nutrients</u>					
Ammonia (as N)		√	√	√	√
Nitrate (as N)	√	√	√		√
Nitrate-nitrite (as N)	√	√			
Nitrite (as N)	√	√			√
Orthophosphate (as P)	√	√	√		√
Total Kjeldahl-nitrogen		√	√		√
Total phosphorus		√	√	√	√
<u>Demands</u>					
Biochemical oxygen demand		√			√
Carbonaceous BOD		√			√
Chemical oxygen demand		√			√
Total organic carbon	√	√	√		√
<u>Minerals</u>					
Alkalinity, total (CaCO ₃)	√	√			√
Calcium	√	√			
Chloride	√	√	√		√
Fluoride	√	√	√	√	√
Calcium hardness (as CaCO ₃)	√	√	√		√
Hardness, total (CaCO ₃)	√	√			√
Magnesium	√	√			
Potassium	√	√			
Sodium	√	√			
Specific conductance (25°C)	√	√			√
Sulfate	√	√	√		√
Sulfide		√			
Total dissolved solids at 180°C	√	√			√
Total solids		√	√		√
<u>Microbiology</u>					
Fecal coliform, MF	√	√			√
Total coliform, MF	√	√			√
Fecal coliform, MPN	√	√			√
Total coliform, MPN	√	√			√



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Total Coliform (p/a)	√				
Fecal coliform/E. Coli (p/a)	√				
E. Coli (MPN)	√	√			√
E.Coli (MF)	√	√			√
Enterococci, MF		√			
Enterococci, MPN		√			
Fecal Streptococcus, MF		√			
Fecal Streptococcus, MPN		√			
Heterotrophic Plate Count	√				
<u>Miscellaneous Analytes</u>					
Acidity (as CaCO3)		√			
Alkalinity (as CaCO3)	√	√			√
Bromate	√				
Bromide	√	√	√		
Ca Hardness (as CaCO3)	√	√			
Chlorate	√				
Chlorite	√				
Color	√	√			
Corrosivity	√		√		
Cyanide	√		√		√
Dissolved organic carbon	√				
HEM		√			
Ignitability			√		
Langelier index	√				
Nitrogen oxide				√	
Non-filterable residue	√	√			√
Oil and Grease		√	√		√
Perchlorate	√	√			
pH	√	√	√		√
Reactive cyanide	√		√		
Reactive sulfide			√		
Residual free chlorine	√				
Settleable solids		√			√
SGT-HEM		√			
Silica (as SiO2)	√	√			
Sulfate	√	√			√
Sulfur Dioxide				√	
Sulfuric Acid				√	
Surfactants-MBAS	√	√			
Total cyanide		√	√		√
Total filterable residue	√	√		√	
Total Halides				√	
Total Halogens				√	
Total Hardness (as CaCO3)	√	√			√
Total organic halides (TOX)		√			
Total phenolics (4AAP)		√			√

Peter Abney

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Total sulfide			√		
Turbidity	√	√			√
UV 254	√				
Volatile solids		√			
<u>Volatiles</u>					
Acetaldehyde				√	
Acetone		√	√	√	
Acetonitrile		√	√	√	
Acrolein		√	√	√	
Acrylonitrile		√		√	
Benzene	√	√	√	√	
Benzaldehyde				√	
Bromobenzene	√		√		
Bromochloromethane	√			√	
Bromodichloromethane	√	√	√	√	
Bromoform	√	√	√	√	
Bromomethane	√	√	√	√	
2-Butanone (MEK)		√	√	√	
Tert-butyl Alcohol	√				
n-Butylbenzene	√				
sec-Butylbenzene	√				
tert-Butylbenzene	√				
Butyraldehyde				√	
Carbon disulfide		√	√	√	
Carbon tetrachloride	√	√	√	√	
Chloroacetaldehyde			√		
Chlorobenzene	√	√	√	√	
Chloroethane	√	√	√	√	
Chlorodibromomethane	√	√	√	√	
2-Chloroethylvinylether		√	√	√	
Chloroform	√	√	√	√	
Chloromethane	√	√	√	√	
1,2-Dibromo-3-chloropropane (DBCP)	√	√	√	√	
2-Chlorotoluene	√				
4-Chlorotoluene	√				
Crotonaldehyde				√	
Cyclohexane				√	
Dibromochloromethane		√			
1,2-Dibromoethane (EDB)		√	√	√	
Dibromomethane	√	√	√	√	
1,2-Dichlorobenzene	√	√	√	√	
1,3-Dichlorobenzene	√	√	√	√	
1,4-Dichlorobenzene	√	√	√	√	
Dichlorodifluoromethane	√	√	√	√	
1,1-Dichloroethane	√	√	√	√	
1,2-Dichloroethane	√	√	√	√	

(A2LA Cert. No. 1539.01) revised 12/17/09

Peter Abney

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
1,1-Dichloroethene		√		√	
Trans-1,2- Dichloroethene				√	
1,1-Dichloroethylene	√		√	√	
cis-1,2-Dichloroethene		√		√	
cis-1,2-Dichloroethylene	√		√	√	
1,2-Dichloropropane	√	√	√	√	
1,3-Dichloropropane	√				
2,2-Dichloropropane	√				
1,1-Dichloropropene	√				
cis-1,3-Dichloropropene	√	√		√	
trans-1,3-Dichloropropene	√	√	√	√	
cis-1,3-Dichloropropylene			√	√	
trans-1,3-Dichloropropylene			√	√	
trans-1,2-Dichloroethylene	√	√	√		
1,2-Dichlorotetraflouroethane (Freon 114)				√	
Di-isopropylether	√				
2,5-Dimethylbenzaldehyde				√	
Ethylbenzene	√	√	√	√	
Ethyl-t-butylether (ETBE)	√		√		
Ethylene dibromide (EDB)	√		√		
p-Ethyltoluene				√	
Formaldehyde	√			√	
Hexaldehyde				√	
n-Hexane				√	
2-Hexanone		√	√	√	
Hexachlorobutadiene	√	√	√	√	
Hexachloroethane		√	√		
Di-n-butylphthalate	√				
Isopropylbenzene	√		√		
4-Isopropyltoluene	√				
Isovaleraldehyde				√	
Methylene chloride	√	√	√	√	
4-Methyl-2-pentanone (MIBK)		√	√	√	
Methyl tert-butyl ether (MTBE)	√	√	√		
Naphthalene	√	√	√	√	
Nitrobenzene			√		
1-Phenylpropane	√				
Propionaldehyde (propanol)				√	
n-Propylbenzene	√				
Propylene				√	
Pyridine			√		
Styrene	√	√	√	√	
1,1,1,2-Tetrachloroethane	√	√	√	√	

Peter Abney

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
1,1,2,2-Tetrachloroethane	√	√	√	√	
Tetrachloroethene		√		√	
Tetrachloroethylene	√		√	√	
o-Tolualdehyde				√	
m-Tolualdehyde				√	
p-Tolualdehyde				√	
Toluene	√	√	√	√	
2-Amino-1-methylbenzene			√		
1,2,3-Trichlorobenzene	√		√	√	
1,2,4-Trichlorobenzene	√	√	√		
1,1,1-Trichloroethane	√	√	√	√	
1,1,2-Trichloroethane	√	√	√	√	
Trichloroethene		√			
Trichloroethylene	√		√	√	
Trichlorofluoromethane	√	√	√	√	
1,2,3-Trichloropropane	√	√	√	√	
Trichlorotrifluoroethane (Freon 113)	√			√	
1,2,4-Trimethylbenzene	√		√	√	
1,3,5-Trimethylbenzene	√		√	√	
TAME	√		√		
Valeraldehyde (pentanal)				√	
Vinyl acetate		√	√	√	
Vinyl bromide				√	
Vinyl chloride	√	√	√	√	
Xylenes, total	√	√	√	√	
<u>Semivolatiles</u>					
Acenaphthene	√	√	√	√	
Acenaphthylene	√	√	√	√	
Anilene		√	√	√	
Anthracene	√	√	√	√	
Benzidine		√	√	√	
Benzoic acid		√	√	√	
Benzo (a) anthracene	√	√	√	√	
Benzo (b) fluoranthene	√	√	√	√	
Benzo (k) fluoranthene	√	√	√	√	
Benzo (ghi) perylene	√	√	√	√	
Benzo (a) pyrene	√	√	√	√	
Benzotrichloride			√		
Benzyl alcohol		√	√	√	
Benzyl chloride			√		
bis(2-chloroethoxy) methane		√	√		
bis (2-chloroethyl) ether		√	√		
bis (2-chloroisopropyl) ether		√	√		
4-Bromophenyl-phenylether		√	√	√	
Butylbenzylphthalate	√	√	√		
Carbazole		√	√	√	



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
4-Chloroanilene		√	√	√	
4-Chloro-3-methylphenol		√	√	√	
1-Chloronaphthalene		√	√	√	
2-Chloronaphthalene		√	√	√	
2-Chlorophenol		√	√	√	
4-Chlorophenyl phenyl ether		√	√	√	
Chrysene	√	√	√	√	
Dibenzo (a,h) anthracene	√	√	√	√	
Dibenzofuran		√	√	√	
1,2-Dichlorobenzene		√	√	√	
1,3-Dichlorobenzene		√	√	√	
1,4-Dichlorobenzene		√	√	√	
3,3'-Dichlorobenzidine		√	√	√	
2,4-Dichlorophenol		√	√	√	
2,6-Dichlorophenol		√	√	√	
Diethylphthalate	√	√	√	√	
2,4-Dimethylphenol		√	√	√	
Dimethylphthalate	√	√	√	√	
1,3-Dinitrobenzene		√	√		
1,4-Dinitrobenzene			√		
2,4-Dinitrophenol		√	√	√	
2,4-Dinitrotoluene		√	√	√	
2,6-Dinitrotoluene		√	√	√	
Di-n-butylphthalate	√	√	√		
Di-n-octylphthalate	√	√	√	√	
bis (2-ethylhexyl) phthalate		√	√		
di (2-Ethylhexyl) adipate	√				
di (2-Ethylhexyl) phthalate	√		√		
Fluoroanthene	√	√	√	√	
Fluorene	√	√	√	√	
Hexachlorobenzene		√	√	√	
Hexachlorobutadiene		√	√	√	
Hexachloroethane		√	√	√	
Hexachlorocyclopentadiene		√	√	√	
Indeno (1,2,3-cd) pyrene	√	√	√	√	
Isophorone		√	√	√	
2-Methyl-4,6-dinitrophenol		√	√	√	
1-Methylnaphthalene	√				
2-Methylnaphthalene		√	√	√	
2-Methylphenol (o-Cresol)		√	√	√	
3-Methylphenol			√		
4-Methylphenol (p-Cresol)		√	√	√	
Naphthalene	√	√	√	√	
1,4-Naphthoquinone			√		
2-Nitroaniline		√	√	√	
3-Nitroaniline					
4-Nitroaniline		√	√	√	



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Nitrobenzene		√	√	√	
2-Nitrophenol		√	√	√	
3-Nitrophenol		√	√	√	
4-Nitrophenol	√	√	√	√	
4-Nitrophenylphenylether			√		
n-Nitrosodiethylamine		√	√	√	
n-Nitrosodimethylamine		√	√	√	
n-Nitrosodiphenylamine		√	√	√	
n-Nitroso-di-n-propylamine		√	√	√	
Pentachlorobenzene		√	√	√	
Pentachlorohexane			√		
Pentachloronitrobenzene			√		
Pentachlorophenol		√	√	√	
Phenanthrene	√	√	√	√	
Phenol		√	√	√	
Pyrene	√	√	√	√	
Pyridine		√	√	√	
1,2,3,4-Tetrachlorobenzene			√		
1,2,3,5-Tetrachlorobenzene			√		
1,2,4,5-Tetrachlorobenzene		√	√	√	
2,3,4,5-Tetrachlorophenol			√		
2,3,4,6-Tetrachlorophenol		√	√	√	
2,3,5,6-Tetrachlorophenol			√		
o-Toluidine		√	√	√	
1,2,4-Trichlorobenzene		√	√	√	
1,3,5-Trichlorobenzene			√		
2,4,5-Trichlorophenol		√	√	√	
2,4,6-Trichlorophenol		√	√	√	
2,3,4-Trichlorophenyl-4-nitrophenylether			√		
2,3,5-Trichlorophenyl-4-nitrophenylether			√		
2,3,6-Trichlorophenyl-4-nitrophenylether			√		
2,4,5-Trichlorophenyl-4-nitrophenylether			√		
2,4,6-Trichlorophenyl-4-nitrophenylether			√		
3,4,5-Trichlorophenyl-4-nitrophenylether			√		
1,3,5-Trinitrobenzene		√	√		
2-Amino-4,6-dinitrotoluene		√	√		
4-Amino-2,6-dinitrotoluene		√	√		
1-Chloro-2,4-dinitrobenzene			√		
1-Chloro-4-nitrobenzene			√		
3,5-Dichloronitrobenzene			√		
Dinitramine			√		



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)		√	√		
1,2-Naphthoquinone			√		
2-Nitrotoluene		√	√		
3-Nitrotoluene		√	√		
4-Nitrotoluene		√	√		
HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)		√	√		
1-Phenylpropane			√		
2,3,7,8-Tetrachlorodibenzodioxin	√				
2,3,4,5-Tetrachloronitrobenzene			√		
Tetry (methyl-2,4,6-trinitrophenylnitramine)		√	√		
2,4,6-Trinitrotoluene		√	√		
2,4-Dinitrotoluene		√	√		
2,6-Dinitrotoluene		√	√		
Nitrobenzene		√	√		
<u>Organic Disinfection By-Products</u>					
Chloral Hydrate	√				
Bromochloroacetic Acid	√				
Dibromoacetic Acid	√				
Dichloroacetic Acid	√				
Monobromoacetic Acid	√				
Monochloroacetic Acid	√				
Trichloroacetic Acid	√				
<u>PCBs</u>					
PCBs as decachlorobiphenyl	√				
PCB arochlor identification	√				
Arochlor 1016	√	√	√	√	
Arochlor 1221	√	√	√	√	
Arochlor 1232	√	√	√	√	
Arochlor 1242	√	√	√	√	
Arochlor 1248	√	√	√	√	
Arochlor 1254	√	√	√	√	
Arochlor 1260	√	√	√	√	
Arochlor 1016/1242	√	√			
<u>PCBs in Oil</u>					
Arochlor 1016			√		
Arochlor 1242			√		
Archhlor 1254			√		
Arochlor 1260			√		



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
<u>Carbamates and Vidate</u>					
3-Hydroxycarbofuran	√	√			
Aldicarb	√	√			
Aldicarb sulfone	√	√			
Aldicarb sulfoxide	√	√			
Baygon	√	√			
Carbaryl	√	√			
Carbofuran	√	√			
Dioxacarb			√		
Diuron		√	√		
Methiocarb	√	√	√		
Methomyl	√	√	√		
Oxamyl (Vydate)	√	√	√		
Promecarb			√		
Propham		√	√		
<u>Pesticides</u>					
Alachlor	√	√			
Aldicarb			√		
Aldicarb sulfone			√		
Aldicarb sulfoxide			√		
Aldrin	√	√	√	√	
Alpha-chlordane		√	√	√	
Ametryn		√			
Anilazine		√			
Atraton		√			
Atrazine	√	√			
Azinphos-methyl (Guthion)		√	√		
alpha-BHC		√	√	√	
Beta-BHC		√	√	√	
delta-BHC		√	√	√	
gamma-BHC (Lindane)		√	√	√	
Bromacil	√	√			
Brominal (Bromoxynil)					
Butachlor	√	√			
Butylate		√			
Carbaryl			√		
Carbofuran			√		
Carbophenothion		√			
Chlordane (technical)	√	√	√		
alpha-Chlordane		√	√		
gamma-Chlordane		√	√		
Chlorothalonil	√				
Chlorpyrifos		√	√		



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Cyanazine		√			
DDD (4,4)		√	√	√	
DDE (4,4)		√	√	√	
DDT (4,4)		√	√	√	
Deethyl atrazine		√			
Deisopropyl atrazine		√			
Demeton-o		√	√		
Demeton-s		√	√		
Diaminoatrazine		√			
Diazinon	√	√	√		
Dichlorvos (DDVP)		√	√		
Dieldrin	√	√	√	√	
Dioxathion		√			
Dimethoate	√	√			
Disulfoton		√	√		
Diuron	√	√	√		
Endosulfan I		√	√	√	
Endosulfan II		√	√	√	
Endosulfan sulfate		√	√	√	
Endrin	√	√	√	√	
Endrin aldehyde		√	√	√	
Endrin ketone		√	√	√	
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)		√			
Enthion		√			
Ethoprop		√			
Famphur		√			
Fenuron		√			
Fluometuron		√			
Fonophos		√			
gamma-BHC (Lindane)		√		√	
gamma-Chlordane		√	√	√	
Heptachlor	√	√	√	√	
Heptachlor epoxide (beta)	√	√	√	√	
Hexachlorobenzene	√				
Hexachlorocyclopentadiene	√				
Hexazinone		√			
3-Hydroxycarbofuran			√		
Lindane	√				
Linuron (Lorox)		√			
Malathion		√	√		
Methoxychlor	√	√	√	√	
Methyl parathion (Parathion, methyl)		√	√		
Metolachlor	√	√			
Metribuzin	√	√			
Molinate (Odrum)	√				



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Monuron		√			
Napropamide		√			
Neburon		√			
Parathion, ethyl		√	√		
Phorate		√	√		
Phosmet (Imidan)		√			
Promecarb			√		
Prometon	√	√			
Prometryn	√	√			
Pronamide		√			
Propachlor	√	√			
Propazine		√			
Propham		√			
Propoxur			√		
Ronnel		√	√		
Siduron		√			
Simazine	√	√			
Stirophos		√	√		
Tebuthiuron		√			
Terbacil		√			
Terbufos		√	√		
Thiobencarb	√				
Toxaphene	√	√	√		
Trifluralin (Treflan)	√	√	√		
<u>Herbicides</u>					
Acifluorfen	√	√	√		
Bentazon	√	√	√		
Chloramben	√	√	√		
2,4-D	√	√	√		
Dacthal (DCPA)	√	√	√		
Dalapon	√	√	√		
2,4-DB	√	√	√		
Dicamba	√	√	√		
3,5-Dichlorobenzoic acid	√	√	√		
2,4-DP (Dichlorprop)	√	√	√		
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	√	√	√		
Diquat	√				
Disulfoton		√	√		
Endothall	√				
Glyphosate	√				
5-Hydroxydicamba	√				
MCPA		√	√		
MCPP		√	√		
4-Nitrophenol	√	√	√		
<u>Paraquat</u>	√				



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Pentachlorophenol	√	√	√		
Picloram	√	√	√		
Chloramben	√	√	√		
2,4,5-TP (Silvex)	√	√	√		
2,4,5-T	√	√	√		
<u>Petroleum Hydrocarbons / UST Analytes</u>					
Diesel range organics (DRO)		√	√		
Gasoline range organics (GRO)		√	√		
Total petroleum hydrocarbons		√	√		
Alaska BTEX (AK-101)		√	√		
Alaska GRO (AK-101)		√	√		
Alaska DRO (AK-102)		√	√		
Alaska RRO (AK-103)		√	√		
Arizona No. 2 Diesel (C10-C22)		√	√		
Arizona Oil Range Organics (C22-C32)		√	√		
Arizona TPH (C10-C32)		√	√		
Massachusetts EPH		√	√		
Massachusetts VPH		√	√		
C9-C18 Aliphatic Hydrocarbons		√	√		
C19-C36 Aliphatic Hydrocarbons		√	√		
C11-C22 Aliphatic Hydrocarbons		√	√		
C5-C8 Aliphatic Hydrocarbons		√	√		
C9-C12 Aliphatic Hydrocarbons		√	√		
C9-C10 Aliphatic Hydrocarbons		√	√		
Texas 1005 No. 2 Diesel		√	√		
Texas 1005 Unleaded Gasoline		√	√		
Texas 1005 TPH		√	√		
Washington HEM/SGT-HEM (EPA 1664)		√			
Wisconsin DRO		√	√		
Wisconsin GRO		√	√		
Wisconsin PVOC		√	√		

Radiochemistry

Gross alpha √



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Gross Beta	√				
Actinium-228			√		
Americum-241			√	√	
Barium-133	√				
Bismuth-212			√		
Bismuth-214			√		
Cesium-134	√		√	√	
Cesium-137	√		√	√	
Cobalt-60	√		√	√	
Curium-244			√		
Iron-55				√	
Lead-212			√		
Lead-214			√		
Manganese-54			√	√	
Plutonium-238			√	√	
Plutonium-239			√	√	
Potassium-40			√		
Thorium-234			√		
Uranium-234			√	√	
Uranium-238			√	√	
Zinc-65	√		√	√	
Tritium	√				
Iodine-131	√				
Radium-226	√				
Radium-228	√				
Strontium-89	√				
Strontium-90	√		√	√	
Uranium (Natural)	√		√	√	
<u>DMRQA WET</u>					
Fathead minnow acute		√			√
MHSF 20° - LC50					
Fathead minnow acute		√			√
MHSF 25° - LC50					
Fathead minnow acute 20%		√			√
DMW 25° - LC50					
Fathead minnow chronic		√			√
MHSF-survival NOEC					
Fathead minnow chronic		√			√
MHSF-growth IC25 (ON)					
Fathead minnow chronic		√			√
MHSF-growth IC25 (SN)					
Fathead minnow chronic		√			√
MHSF-growth NOEC (ON)					
Fathead minnow chronic		√			√
MHSF-growth NOEC (SN)					



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Fathead minnow chronic 20% DMW-survival NOEC		√			√
Fathead minnow chronic 20% DMW-growth IC25 (ON)		√			√
Fathead minnow chronic 20% DMW-growth IC25 (SN)		√			√
Fathead minnow chronic 20% DMW-growth IC25 (ON)		√			√
Fathead minnow chronic 20% DMW-growth NOEC (ON)		√			√
Fathead minnow chronic 20% DMW-growth NOEC (SN)		√			√
Ceriodaphnia acute MHSF 20° - LC50		√			√
Ceriodaphnia acute 20% DMW 20° - LC 50		√			√
Ceriodaphnia acute MHSF 25°-LC50		√			√
Ceriodaphnia acute 20% DMW 25°-LC50		√			√
Ceriodaphnia chronic MHSF-survival NOEC		√			√
Ceriodaphnia chronic MHSF-reproduction IC25		√			√
Ceriodaphnia chronic MHSF-reproduction NOEC		√			√
Ceriodaphnia chronic 20% DMW-survival NOEC		√			√
Ceriodaphnia chronic 20% DMW-reproduction IC25		√			√
Ceriodaphnia chronic 20% DMW-reproduction NOEC		√			√
Daphnia Magma acute MHSF 25°-LC50		√			√
Daphnia Pulex acute MHSF 20°-LC50		√			√
Daphnia Pulex acute MHSF 25°-LC50		√			√
Mysid acute 40 F 25°-LC50		√			√
Mysid chronic 40 F-Survival NOEC		√			√
Mysid chronic 40 F-Growth IC25 (ON)		√			√



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-potable Water</u>	<u>Solid and Chemical Materials</u>	<u>Air*</u>	<u>DMR-QA*</u>
Mysid chronic 40F- Growth IC25 (SN)		√			√
Mysid chronic 40F-Growth NOEC (ON)		√			√
Mysid chronic 40F-Growth NOEC (SN)		√			√
Menidia acute 40 F 25° - LC50		√			√
Sheepshead minnow acute 40 F 25°-LC50		√			√
Sheepshead minnow chronic 40 F – survival NOEC		√			√
Sheepshead minnow chronic 40 F-growth IC25 (ON)		√			√
Sheepshead minnow chronic 40 F-growth IC25 (SN)		√			√
Sheepshead minnow chronic 40 F-growth NOEC (ON)		√			√
Sheepshead minnow chronic 40 F-growth NOEC (SN)		√			√
Menidia berylina chronic 40F-survival NOEC		√			√
Menidia berylina chronic 40F-growth IC25(ON)		√			√
Menidia berylina chronic 40 F-growth NOEC(ON)		√			√

* Denotes non-NELAC PT schemes

