



**STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
NELAP - RECOGNIZED**



**ENVIRONMENTAL LABORATORY ACCREDITATION**

is hereby granted to

**ARDL, INC.**

**400 AVIATION DRIVE, P.O. BOX 1566**

**MT. VERNON, IL 62864**

**NELAP ACCREDITED  
ACCREDITATION NUMBER #100308**



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Ron Turpin  
Manager  
Environmental Laboratory Accreditation Program

Janet Cruse  
Accreditation Officer  
Environmental Laboratory Accreditation Program

Certificate No.: 002301  
Expiration Date: 04/30/2010  
Issued On: 05/11/2009

**State of Illinois**  
**Environmental Protection Agency**

Certificate No.:

002301

**Awards the Certificate of Approval**

ARDL, Inc.  
400 Aviation Drive, P.O. Box 1566  
Mt. Vernon, IL 62864

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**Hazardous and Solid Waste, Inorganic**

1311

TCLP (Organic and Inorganic)

6010B

Aluminum	Antimony	Arsenic
Barium	Beryllium	Boron
Cadmium	Calcium	Chromium
Cobalt	Copper	Iron
Lead	Magnesium	Manganese
Nickel	Potassium	Selenium
Silver	Sodium	Strontium
Thallium	Vanadium	Zinc

7470A

Mercury

**Hazardous and Solid Waste, Organic**

8081A

4,4'-DDD	4,4'-DDE	4,4'-DDT
Aldrin	alpha-BHC	alpha-Chlordane
beta-BHC	delta-BHC	Dieldrin
Endosulfan I	Endosulfan II	Endosulfan sulfate
Endrin	Endrin aldehyde	Endrin ketone
gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor
Heptachlor epoxide	Methoxychlor	

8082

PCB-1016	PCB-1221	PCB-1232
PCB-1242	PCB-1248	PCB-1254
PCB-1260		

8260B

1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene
1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane
1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,2-Dichloroethane
1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene
1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane
2-Butanone (Methyl ethyl ketone, MEK)	2-Chlorotoluene	2-Hexanone
4-Bromofluorobenzene	4-Chlorotoluene	4-Methyl-2-pentanone (Methyl isobutyl ketone)

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**Hazardous and Solid Waste, Organic**

**8260B**

**Acetone**

Benzene  
Bromodichloromethane  
Carbon disulfide  
Chloroethane  
cis-1,2-Dichloroethene  
Dibromomethane  
Ethylbenzene  
Methyl ethyl ketone  
m-Xylene  
n-Propylbenzene  
p-Xylene  
tert-Butylbenzene  
trans-1,2-Dichloroethene  
Trichlorofluoromethane

Bromobenzene  
Bromoform  
Carbon tetrachloride  
Chloroform  
cis-1,3-Dichloropropene  
Dichlorodifluoromethane  
Hexachlorobutadiene  
Methyl isobutyl ketone  
Naphthalene  
o-Xylene  
sec-Butylbenzene  
Tetrachloroethene  
trans-1,3-Dichloropropene  
Vinyl chloride

Bromochloromethane  
Bromomethane  
Chlorobenzene  
Chloromethane  
Dibromofluoromethane  
Dichloromethane (Methylene chloride)  
Isopropylbenzene  
Methyl-t-butyl ether  
n-Butylbenzene  
p-Isopropyltoluene  
Styrene  
Toluene  
Trichloroethene  
Xylenes (Total)

**8270C**

1,2,4,5-Tetrachlorobenzene  
1,2-Diphenylhydrazine  
2,4,5-Trichlorophenol  
2,4-Dimethylphenol  
2,6-Dinitrotoluene (2,6-DNT)  
2-Methylnaphthalene  
2-Nitrophenol  
4,6-Dinitro-2-methylphenol  
4-Chloroaniline  
4-Nitroaniline  
Acenaphthylene  
Benzidine  
Benzo(b)fluoranthene  
Benzoic acid  
Bis(2-chloroethyl) ether  
Butyl benzyl phthalate  
Chrysene  
Dichlorovos  
Di-n-butyl phthalate  
Fluorene  
Hexachlorocyclopentadiene  
Isodrin  
Naphthalene  
N-Nitrosodi-n-propylamine  
Phenanthrene  
Pyridine

1,2,4-Trichlorobenzene  
1,3-Dichlorobenzene  
2,4,6-Trichlorophenol  
2,4-Dinitrophenol  
2-Chloronaphthalene  
2-Methylphenol (o-Cresol)  
3,3'-Dichlorobenzidine  
4-Bromophenyl phenyl ether  
4-Chlorophenyl phenyl ether  
4-Nitrophenol  
Aniline  
Benzo(a)anthracene  
Benzo(g,h,i)perylene  
Benzyl alcohol  
Bis(2-chloroisopropyl) ether  
Carbazole  
Dibenz(a,h)anthracene  
Diethyl phthalate  
Di-n-octyl phthalate  
Hexachlorobenzene  
Hexachloroethane  
Isophorone  
Nitrobenzene  
N-Nitrosodiphenylamine  
Phenol

1,2-Dichlorobenzene  
1,4-Dichlorobenzene  
2,4-Dichlorophenol  
2,4-Dinitrotoluene (2,4-DNT)  
2-Chlorophenol  
2-Nitroaniline  
3-Nitroaniline  
4-Chloro-3-methylphenol  
4-Methylphenol (p-Cresol)  
Acenaphthene  
Anthracene  
Benzo(a)pyrene  
Benzo(k)fluoranthene  
Bis(2-chloroethoxy) methane  
Bis(2-ethylhexyl) phthalate  
Chlorfenvinphos  
Dibenzofuran  
Dimethyl phthalate  
Fluoranthene  
Hexachlorobutadiene  
Indeno(1,2,3-cd) pyrene  
m-Cresol (3-Methylphenol)  
N-Nitrosodimethylamine  
Pentachlorophenol  
Pyrene

**8270D**

1,2,4,5-Tetrachlorobenzene  
1,2-Diphenylhydrazine  
2,4,5-Trichlorophenol  
2,4-Dimethylphenol

1,2,4-Trichlorobenzene  
1,3-Dichlorobenzene  
2,4,6-Trichlorophenol  
2,4-Dinitrophenol

1,2-Dichlorobenzene  
1,3-Dinitrobenzene (1,3-DNB)  
2,4-Dichlorophenol  
2,4-Dinitrotoluene (2,4-DNT)

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**Hazardous and Solid Waste, Organic**

2-Chloronaphthalene  
2-Methylphenol (o-Cresol)  
3,3'-Dichlorobenzidine  
4-Bromophenyl phenyl ether  
4-Chlorophenyl phenyl ether  
4-Nitrophenol  
Aniline  
Benzo(a)anthracene  
Benzo(g,h,i)perylene  
Benzyl alcohol  
Bis(2-chloroisopropyl) ether  
Carbazole  
Dibenzofuran  
Di-n-butyl phthalate  
Fluorene  
Hexachlorocyclopentadiene  
Isophorone  
Nitrobenzene  
N-Nitrosodiphenylamine  
Phenol

8270D  
2-Chlorophenol  
2-Nitroaniline  
3-Nitroaniline  
4-Chloro-3-methylphenol  
4-Methylphenol (p-Cresol)  
Acenaphthene  
Anthracene  
Benzo(a)pyrene  
Benzo(k)fluoranthene  
Bis(2-chloroethoxy) methane  
Bis(2-ethylhexyl) phthalate  
Chrysene  
Diethyl phthalate  
Di-n-octyl phthalate  
Hexachlorobenzene  
Hexachloroethane  
m-Cresol (3-Methylphenol)  
N-Nitrosodimethylamine  
Pentachlorophenol  
Pyrene

2,6-Dinitrotoluene (2,6-DNT)  
2-Methylnaphthalene  
2-Nitrophenol  
4,6-Dinitro-2-methylphenol  
4-Chloroaniline  
4-Nitroaniline  
Acenaphthylene  
Benzidine  
Benzo(b)fluoranthene  
Benzoic acid  
Bis(2-chloroethyl) ether  
Butyl benzyl phthalate  
Dibenz(a,h)anthracene  
Dimethyl phthalate  
Fluoranthene  
Hexachlorobutadiene  
Indeno(1,2,3-cd) pyrene  
Naphthalene  
N-Nitrosodi-n-propylamine  
Phenanthrene  
Pyridine

8330

1,3,5-Trinitrobenzene (1,3,5-TBN)  
2,4-Dinitrotoluene (2,4-DNT)  
4-Amino-2,6-dinitrotoluene (4-Am-DNT)  
m-Nitrotoluene (3-Nitrotoluene, 3-NT)  
o-Nitrotoluene (2-Nitrotoluene, 2-NT)

1,3-Dinitrobenzene (1,3-DNB)  
2,6-Dinitrotoluene (2,6-DNT)  
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)  
Nitrobenzene  
p-Nitrotoluene (4-Nitrotoluene, 4-NT)

2,4,6-Trinitrotoluene (2,4,6-TNT)  
2-Amino-4,6-dinitrotoluene (2-Am-DNT)  
Methyl-2,4,6-trinitrophenylnitramine (Tetryl)  
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocin

**Wastewater, Inorganic**

USEPA200.7

Aluminum  
Barium  
Cadmium  
Cobalt  
Lead  
Nickel  
Silver  
Vanadium

Antimony  
Beryllium  
Calcium  
Copper  
Magnesium  
Potassium  
Sodium  
Zinc

Arsenic  
Boron  
Chromium  
Iron  
Manganese  
Selenium  
Thallium

**Wastewater, Organic**

USEPA608

4,4'-DDD  
Aldrin  
delta-BHC  
Endosulfan II  
Endrin aldehyde  
Heptachlor epoxide  
PCB-1221

4,4'-DDE  
alpha-BHC  
Dieldrin  
Endosulfan sulfate  
gamma-BHC (Lindane)  
Methoxychlor  
PCB-1232

4,4'-DDT  
beta-BHC  
Endosulfan I  
Endrin  
Heptachlor  
PCB-1016  
PCB-1242

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<i>Wastewater, Organic</i>	<i>USEPA608</i>	<i>PCB-1248</i>
PCB-1254	PCB-1260	
<i>USEPA624</i>		
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene
1,4-Dichlorobenzene	Benzene	Bromodichloromethane
Bromoform	Bromomethane	Carbon tetrachloride
Chlorobenzene	Chloroethane	Chloroform
Chloromethane	cis-1,3-Dichloropropene	Dichloromethane (Methylene chloride)
Ethylbenzene	Methyl tert-butyl ether (MTBE)	Tetrachloroethene
Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene
Trichloroethene	Trichlorofluoromethane	Vinyl chloride
Xylenes (total)		
<i>USEPA625</i>		
1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene
1,4-Dichlorobenzene	2,4-Dinitrotoluene (2,4-DNT)	2,6-Dinitrotoluene (2,6-DNT)
2-Chloronaphthalene	3,3'-Dichlorobenzidine	4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether	Acenaphthene	Acenaphthylene
Anthracene	Benzdine	Benzo(a)anthracene
Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
Benzo(k)fluoranthene	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl) ether
Bis(2-ethylhexyl) phthalate	Chrysene	Dibenz(a,h)anthracene
Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate
Di-n-octyl phthalate	Fluoranthene	Fluorene
Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
Hexachloroethane	Indeno(1,2,3-cd) pyrene	Isophorone
Naphthalene	Nitrobenzene	N-Nitrosodimethylamine
N-Nitrosodi-n-propylamine	N-Nitrosodiphenylamine	Phenanthrene
Pyrene		