



State of Florida  
 Department of Health, Bureau of Laboratories  
 This is to certify that  
 E82535

ADVANCED ENVIRONMENTAL LABORATORIES, INC. - MIAMI  
 10200 USA TODAY WAY  
 MIRAMAR, FL 33025

has complied with Florida Administrative Code 64E-1,  
 for the examination of Environmental samples in the following categories

DRINKING WATER - MICROBIOLOGY, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2011      Expiration Date: June 30, 2012



Max Salfinger, M.D.  
 Chief, Bureau of Laboratories  
 Florida Department of Health  
 DH Form 1697, 7/04

NON-TRANSFERABLE E82535-44-07/01/2011  
 Supersedes all previously issued certificates



Rick Scott  
Governor

H. Frank Farmer, Jr., M.D., Ph.D.  
State Surgeon General

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### Laboratory Scope of Accreditation

Attachment to Certificate #: E82535-44, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E82535

EPA Lab Code: FL00951

(954) 889-2288

**E82535**

**Advanced Environmental Laboratories, Inc. - Miami**  
**10200 USA Today Way**  
**Miramar, FL 33025**

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2006
Arsenic	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2006
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2006
Boron	EPA 200.7		NELAP	12/7/2010
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2006
Chloride	EPA 300.0		NELAP	12/7/2010
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2006
Color	SM 2120 B		NELAP	12/7/2010
Copper	EPA 200.9	Primary Inorganic Contaminants	NELAP	5/3/2011
Escherichia coli	SM 9223 B	Microbiology	NELAP	10/14/2002
Fluoride	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/6/2002
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2006
Lead	EPA 200.9	Primary Inorganic Contaminants	NELAP	8/1/2002
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	3/22/2006
Molybdenum	EPA 200.7		NELAP	12/7/2010
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	3/22/2006
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/6/2002
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/15/2007
Odor	SM 2150 B		NELAP	12/7/2010
Orthophosphate as P	EPA 300.0		NELAP	12/7/2010
Sulfate	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/6/2002
Total coliforms	SM 9222 B	Microbiology	NELAP	8/20/2009
Total coliforms	SM 9223 B	Microbiology	NELAP	10/14/2002
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	3/6/2002
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	2/18/2005
Vanadium	EPA 200.7		NELAP	12/7/2010
Zinc	EPA 200.7		NELAP	12/7/2010

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Issue Date: 7/1/2011**

**Expiration Date: 6/30/2012**



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#### E82535

Advanced Environmental Laboratories, Inc. - Miami  
10200 USA Today Way  
Miramar, FL 33025

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,1,1-Trichloroethane	EPA 624	Volatile Organics	NELAP	6/5/2006
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	6/5/2006
1,1,2,2-Tetrachloroethane	EPA 624	Volatile Organics	NELAP	6/5/2006
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	6/5/2006
1,1,2-Trichloroethane	EPA 624	Volatile Organics	NELAP	6/5/2006
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	6/5/2006
1,1-Dichloroethane	EPA 624	Volatile Organics	NELAP	1/18/2005
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,1-Dichloroethylene	EPA 624	Volatile Organics	NELAP	6/5/2006
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	6/5/2006
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	2/18/2005
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	2/18/2005
1,2,4-Trichlorobenzene	EPA 8260		NELAP	12/7/2010
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,2-Dichlorobenzene	EPA 624		NELAP	12/7/2010
1,2-Dichlorobenzene	EPA 8260		NELAP	12/7/2010
1,2-Dichloroethane	EPA 624	Volatile Organics	NELAP	1/18/2005
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,2-Dichloropropane	EPA 624	Volatile Organics	NELAP	1/18/2005
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	1/18/2005
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	2/18/2005
1,3-Dichlorobenzene	EPA 624	Volatile Organics	NELAP	9/12/2006
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	9/12/2006
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	2/18/2005
1,4-Dichlorobenzene	EPA 624		NELAP	12/7/2010
1,4-Dichlorobenzene	EPA 8260		NELAP	12/7/2010
1-Methylnaphthalene (added to method at FDEP request)	EPA 8270		NELAP	12/7/2010
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	2/18/2005
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260		NELAP	12/7/2010
2-Chloroethyl vinyl ether	EPA 624		NELAP	12/7/2010
2-Chloroethyl vinyl ether	EPA 8260		NELAP	12/7/2010
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	2/18/2005

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### Laboratory Scope of Accreditation

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#### E82535

Advanced Environmental Laboratories, Inc. - Miami  
10200 USA Today Way  
Miramar, FL 33025

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
2-Hexanone	EPA 8260		NELAP	12/7/2010
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	4/26/2006
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	2/18/2005
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	3/25/2010
Acenaphthene	EPA 625		NELAP	12/7/2010
Acenaphthene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Acenaphthylene	EPA 625		NELAP	12/7/2010
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Acetone	EPA 8260		NELAP	12/7/2010
Acrolein (Propenal)	EPA 624		NELAP	12/7/2010
Acrolein (Propenal)	EPA 8260		NELAP	12/7/2010
Acrylonitrile	EPA 624		NELAP	12/7/2010
Acrylonitrile	EPA 8260		NELAP	12/7/2010
Alkalinity as CaCO3	EPA 310.1	General Chemistry	NELAP	3/6/2002
Alkalinity as CaCO3	SM 2320 B	General Chemistry	NELAP	3/6/2002
Aluminum	EPA 200.7	Metals	NELAP	2/18/2005
Aluminum	EPA 6010	Metals	NELAP	2/18/2005
Anthracene	EPA 625		NELAP	12/7/2010
Anthracene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Antimony	EPA 200.7	Metals	NELAP	2/18/2005
Antimony	EPA 6010	Metals	NELAP	2/18/2005
Arsenic	EPA 200.7	Metals	NELAP	2/18/2005
Arsenic	EPA 6010	Metals	NELAP	2/18/2005
Barium	EPA 200.7	Metals	NELAP	2/18/2005
Barium	EPA 6010	Metals	NELAP	2/18/2005
Benzene	EPA 624		NELAP	12/7/2010
Benzene	EPA 8260		NELAP	12/7/2010
Benzo(a)anthracene	EPA 625		NELAP	12/7/2010
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Benzo(a)pyrene	EPA 625		NELAP	12/7/2010
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Benzo(b)fluoranthene	EPA 625		NELAP	12/7/2010
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Benzo(g,h,i)perylene	EPA 625		NELAP	12/7/2010
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Benzo(k)fluoranthene	EPA 625		NELAP	12/7/2010

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**Miramar, FL 33025**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Benzo(k)fluoranthene	EPA 8270		NELAP	12/7/2010
Beryllium	EPA 200.7	Metals	NELAP	2/18/2005
Beryllium	EPA 6010	Metals	NELAP	2/18/2005
Biochemical oxygen demand	EPA 405.1	General Chemistry	NELAP	3/6/2002
Biochemical oxygen demand	SM 5210 B	General Chemistry	NELAP	10/13/2009
Boron	EPA 200.7	Metals	NELAP	2/18/2005
Boron	EPA 6010	Metals	NELAP	2/18/2005
Bromobenzene	EPA 8260	Volatile Organics	NELAP	2/18/2005
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	1/18/2005
Bromodichloromethane	EPA 624	Volatile Organics	NELAP	6/5/2006
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	6/5/2006
Bromoform	EPA 624		NELAP	12/7/2010
Bromoform	EPA 8260		NELAP	12/7/2010
Cadmium	EPA 200.7	Metals	NELAP	3/22/2006
Cadmium	EPA 6010	Metals	NELAP	3/22/2006
Calcium	EPA 200.7	Metals	NELAP	3/22/2006
Calcium	EPA 6010	Metals	NELAP	3/22/2006
Carbazole	EPA 625		NELAP	12/7/2010
Carbazole	EPA 8270	Extractable Organics	NELAP	2/18/2005
Carbon disulfide	EPA 8260		NELAP	12/7/2010
Carbon tetrachloride	EPA 624	Volatile Organics	NELAP	6/5/2006
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	6/5/2006
Carbonaceous BOD (CBOD)	SM 5210 B	General Chemistry	NELAP	3/6/2002
Chloride	EPA 300.0	General Chemistry	NELAP	3/6/2002
Chloride	EPA 9056		NELAP	12/7/2010
Chlorobenzene	EPA 624		NELAP	12/7/2010
Chlorobenzene	EPA 8260		NELAP	12/7/2010
Chloroethane	EPA 624		NELAP	12/7/2010
Chloroethane	EPA 8260		NELAP	12/7/2010
Chloroform	EPA 624	Volatile Organics	NELAP	9/12/2006
Chloroform	EPA 8260	Volatile Organics	NELAP	9/12/2006
Chromium	EPA 200.7	Metals	NELAP	2/18/2005
Chromium	EPA 6010	Metals	NELAP	2/18/2005
Chrysene	EPA 625		NELAP	12/7/2010
Chrysene	EPA 8270	Extractable Organics	NELAP	4/26/2006
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	1/18/2005

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State Laboratory ID: E82535

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(954) 889-2288

#### E82535

Advanced Environmental Laboratories, Inc. - Miami  
10200 USA Today Way  
Miramar, FL 33025

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
cis-1,3-Dichloropropene	EPA 624	Volatile Organics	NELAP	1/18/2005
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	1/18/2005
Cobalt	EPA 200.7	Metals	NELAP	4/7/2005
Cobalt	EPA 6010		NELAP	12/7/2010
Color	EPA 110.2		NELAP	12/7/2010
Color	SM 2120 B		NELAP	12/7/2010
Conductivity	SM 2510 B	General Chemistry	NELAP	3/6/2002
Copper	EPA 200.7	Metals	NELAP	3/22/2006
Copper	EPA 6010	Metals	NELAP	3/22/2006
Dibenz(a,h)anthracene	EPA 625	Extractable Organics	NELAP	12/7/2010
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	12/7/2010
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	4/26/2006
Dibromochloromethane	EPA 624	Volatile Organics	NELAP	12/7/2010
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	12/7/2010
Dibromomethane	EPA 8260	Volatile Organics	NELAP	2/18/2005
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	1/18/2005
Ethylbenzene	EPA 624	Volatile Organics	NELAP	12/2/2009
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	12/2/2009
Fecal coliforms	SM 9222 D	Microbiology	NELAP	10/14/2002
Fluoranthene	EPA 625	Extractable Organics	NELAP	12/7/2010
Fluoranthene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Fluorene	EPA 625	Extractable Organics	NELAP	12/7/2010
Fluorene	EPA 8270	Extractable Organics	NELAP	12/7/2010
Fluoride	EPA 300.0	General Chemistry	NELAP	10/27/2009
Fluoride	EPA 9056	General Chemistry	NELAP	12/7/2010
Hardness	SM 2340 B	General Chemistry	NELAP	12/7/2010
Hardness (calc.)	EPA 200.7		NELAP	12/7/2010
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	12/7/2010
Indeno(1,2,3-cd)pyrene	EPA 625	Extractable Organics	NELAP	12/7/2010
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Iron	EPA 200.7	Metals	NELAP	2/18/2005
Iron	EPA 6010	Metals	NELAP	2/18/2005
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	1/18/2005
Lead	EPA 200.7	Metals	NELAP	2/18/2005
Lead	EPA 6010	Metals	NELAP	2/18/2005

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**E82535**

**Advanced Environmental Laboratories, Inc. - Miami  
10200 USA Today Way  
Miramar, FL 33025**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
m/p-Xylenes	EPA 8260	Volatile Organics	NELAP	12/7/2010
Magnesium	EPA 200.7	Metals	NELAP	3/22/2006
Magnesium	EPA 6010	Metals	NELAP	3/22/2006
Manganese	EPA 200.7	Metals	NELAP	4/7/2005
Manganese	EPA 6010	Metals	NELAP	12/7/2010
Methyl bromide (Bromomethane)	EPA 624	Volatile Organics	NELAP	6/5/2006
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	6/5/2006
Methyl chloride (Chloromethane)	EPA 624	Volatile Organics	NELAP	12/7/2010
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Methylene chloride	EPA 624	Volatile Organics	NELAP	12/7/2010
Methylene chloride	EPA 8260	Volatile Organics	NELAP	12/7/2010
Molybdenum	EPA 200.7	Metals	NELAP	2/18/2005
Molybdenum	EPA 6010	Metals	NELAP	2/18/2005
Naphthalene	EPA 625	Extractable Organics	NELAP	12/7/2010
Naphthalene	EPA 8260	Volatile Organics	NELAP	12/7/2010
Naphthalene	EPA 8270	Extractable Organics	NELAP	4/26/2006
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	2/18/2005
Nickel	EPA 200.7	Metals	NELAP	2/18/2005
Nickel	EPA 6010	Metals	NELAP	2/18/2005
Nitrate	EPA 9056	General Chemistry	NELAP	12/7/2010
Nitrate as N	EPA 300.0	General Chemistry	NELAP	3/6/2002
Nitrate-nitrite	EPA 300.0	General Chemistry	NELAP	3/6/2002
Nitrite	EPA 9056	General Chemistry	NELAP	12/7/2010
Nitrite as N	EPA 300.0	General Chemistry	NELAP	3/6/2002
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	2/18/2005
Orthophosphate as P	EPA 300.0	General Chemistry	NELAP	10/27/2009
Orthophosphate as P	EPA 9056	General Chemistry	NELAP	12/7/2010
o-Xylene	EPA 8260	Volatile Organics	NELAP	12/7/2010
pH	EPA 150.1	General Chemistry	NELAP	11/12/2004
pH	SM 4500-H+-B	General Chemistry	NELAP	11/12/2004
Phenanthrene	EPA 625	Extractable Organics	NELAP	12/7/2010
Phenanthrene	EPA 8270	Extractable Organics	NELAP	4/26/2006
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	12/7/2010
Potassium	EPA 200.7	Metals	NELAP	3/22/2006
Potassium	EPA 6010	Metals	NELAP	3/22/2006

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#### E82535

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10200 USA Today Way  
Miramar, FL 33025

Matrix: Non-Potable Water

Analyte	Method/Tech	Category	Certification Type	Effective Date
Pyrene	EPA 625	Extractable Organics	NELAP	12/7/2010
Pyrene	EPA 8270	Extractable Organics	NELAP	4/26/2006
Residue-filterable (TDS)	EPA 160.1	General Chemistry	NELAP	3/6/2002
Residue-filterable (TDS)	SM 2540 C	General Chemistry	NELAP	10/13/2009
Residue-nonfilterable (TSS)	EPA 160.2	General Chemistry	NELAP	12/3/2004
Residue-nonfilterable (TSS)	SM 2540 D	General Chemistry	NELAP	10/13/2009
Residue-total	EPA 160.3	General Chemistry	NELAP	5/7/2002
Residue-total	SM 2540 B	General Chemistry	NELAP	10/13/2009
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	2/18/2005
Selenium	EPA 200.7	Metals	NELAP	2/18/2005
Selenium	EPA 6010	Metals	NELAP	2/18/2005
Silver	EPA 200.7		NELAP	12/7/2010
Silver	EPA 6010	Metals	NELAP	12/7/2010
Sodium	EPA 200.7	Metals	NELAP	3/22/2006
Sodium	EPA 6010	Metals	NELAP	3/22/2006
Strontium	EPA 6010	Metals	NELAP	12/7/2010
Styrene	EPA 8260	Volatile Organics	NELAP	6/5/2006
Sulfate	EPA 300.0	General Chemistry	NELAP	3/6/2002
Sulfate	EPA 9056	General Chemistry	NELAP	12/7/2010
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	2/18/2005
Tetrachloroethylene (Perchloroethylene)	EPA 624	Volatile Organics	NELAP	1/18/2005
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	1/18/2005
Thallium	EPA 200.7	Metals	NELAP	2/18/2005
Thallium	EPA 6010	Metals	NELAP	2/18/2005
Tin	EPA 200.7		NELAP	12/7/2010
Tin	EPA 6010	Metals	NELAP	12/7/2010
Titanium	EPA 200.7		NELAP	12/7/2010
Titanium	EPA 6010	Metals	NELAP	12/7/2010
Toluene	EPA 624	Volatile Organics	NELAP	5/15/2007
Toluene	EPA 8260	Volatile Organics	NELAP	5/15/2007
Total coliforms	SM 9222 B	Microbiology	NELAP	10/14/2002
Total hardness as CaCO3	EPA 200.7		NELAP	12/7/2010
Total nitrate-nitrite	EPA 9056	General Chemistry	NELAP	12/7/2010
Total Petroleum Hydrocarbons (TPH)	FL-PRO		NELAP	12/7/2010
trans-1,2-Dichloroethylene	EPA 624	Volatile Organics	NELAP	12/7/2010
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	12/7/2010

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Issue Date: 7/1/2011

Expiration Date: 6/30/2012



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### Laboratory Scope of Accreditation

Attachment to Certificate #: E82535-44, expiration date June 30, 2012. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E82535**

EPA Lab Code: **FL00951**

**(954) 889-2288**

**E82535**

**Advanced Environmental Laboratories, Inc. - Miami  
10200 USA Today Way  
Miramar, FL 33025**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
trans-1,3-Dichloropropylene	EPA 624	Volatile Organics	NELAP	12/7/2010
trans-1,3-Dichloropropylene	EPA 8260	Volatile Organics	NELAP	12/7/2010
Trichloroethene (Trichloroethylene)	EPA 624	Volatile Organics	NELAP	6/5/2006
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	6/5/2006
Trichlorofluoromethane	EPA 624	Volatile Organics	NELAP	6/5/2006
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	6/5/2006
Turbidity	EPA 180.1	General Chemistry	NELAP	1/18/2005
Vanadium	EPA 200.7		NELAP	12/7/2010
Vanadium	EPA 6010	Metals	NELAP	12/7/2010
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	12/7/2010
Vinyl chloride	EPA 624	Volatile Organics	NELAP	12/7/2010
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	12/7/2010
Xylene (total)	EPA 624	Volatile Organics	NELAP	12/7/2010
Xylene (total)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Zinc	EPA 200.7	Metals	NELAP	2/18/2005
Zinc	EPA 6010	Metals	NELAP	2/18/2005

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EPA Lab Code: FL00951

(954) 889-2288

**E82535**

**Advanced Environmental Laboratories, Inc. - Miami**

**10200 USA Today Way**

**Miramar, FL 33025**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	12/7/2010
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	12/2/2009
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	12/7/2010
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	12/7/2010
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	5/14/2009
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	12/2/2009
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	12/2/2009
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	5/14/2009
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	1/20/2005
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	12/7/2010
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	12/2/2009
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	1/20/2005
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	1/20/2005
1-Methylnaphthalene (added to method at FDEP request)	EPA 8270	Extractable Organics	NELAP	12/7/2010
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	3/8/2005
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	1/20/2005
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	1/20/2005
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	1/20/2005
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	1/20/2005
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	12/7/2010
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	12/7/2010
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	9/18/2006
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	12/2/2009
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	3/8/2005
2-Hexanone	EPA 8260	Volatile Organics	NELAP	12/7/2010

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State Laboratory ID: E82535

EPA Lab Code: FL00951

(954) 889-2288

**E82535**

**Advanced Environmental Laboratories, Inc. - Miami**

**10200 USA Today Way**

**Miramar, FL 33025**

Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	1/20/2005
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	1/20/2005
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	1/20/2005
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	1/20/2005
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	1/20/2005
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	9/18/2006
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	3/8/2005
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Acenaphthene	EPA 8270	Extractable Organics	NELAP	3/15/2011
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	4/7/2009
Acetone	EPA 8260	Volatile Organics	NELAP	12/7/2010
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	12/7/2010
Aluminum	EPA 6010	Metals	NELAP	2/18/2005
Anthracene	EPA 8270	Extractable Organics	NELAP	12/7/2010
Antimony	EPA 6010	Metals	NELAP	12/7/2010
Arsenic	EPA 6010	Metals	NELAP	4/7/2009
Barium	EPA 6010	Metals	NELAP	2/18/2005
Benzene	EPA 8260	Volatile Organics	NELAP	12/2/2009
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	1/19/2005
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	1/19/2005
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	1/19/2005
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	3/15/2011
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	3/15/2011
Beryllium	EPA 6010	Metals	NELAP	2/18/2005
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	12/2/2009
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	12/2/2009
Boron	EPA 6010	Metals	NELAP	2/18/2005
Bromobenzene	EPA 8260	Volatile Organics	NELAP	3/2/2010
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	3/8/2005
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	12/2/2009
Bromoform	EPA 8260	Volatile Organics	NELAP	3/8/2005
Cadmium	EPA 6010	Metals	NELAP	2/18/2005
Calcium	EPA 6010	Metals	NELAP	5/24/2006
Carbazole	EPA 8270	Extractable Organics	NELAP	1/20/2005
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	3/8/2005

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Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	12/2/2009
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Chloroethane	EPA 8260	Volatile Organics	NELAP	3/8/2005
Chloroform	EPA 8260	Volatile Organics	NELAP	12/7/2010
Chromium	EPA 6010	Metals	NELAP	2/18/2005
Chrysene	EPA 8270	Extractable Organics	NELAP	1/19/2005
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	3/8/2005
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	12/7/2010
Cobalt	EPA 6010	Metals	NELAP	2/18/2005
Copper	EPA 6010	Metals	NELAP	3/26/2010
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	12/7/2010
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	1/20/2005
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	12/7/2010
Dibromomethane	EPA 8260	Volatile Organics	NELAP	3/8/2005
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	3/8/2005
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	1/20/2005
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Fluoranthene	EPA 8270	Extractable Organics	NELAP	1/19/2005
Fluorene	EPA 8270	Extractable Organics	NELAP	1/19/2005
Hexachlorobenzene	EPA 8270	Extractable Organics	NELAP	1/20/2005
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	12/2/2009
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	12/2/2009
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	1/20/2005
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	1/19/2005
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Iron	EPA 6010	Metals	NELAP	5/24/2006
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	12/7/2010
Lead	EPA 6010	Metals	NELAP	2/18/2005
m/p-Xylenes	EPA 8260	Volatile Organics	NELAP	12/7/2010
Magnesium	EPA 6010	Metals	NELAP	2/18/2005
Manganese	EPA 6010	Metals	NELAP	2/18/2005
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	3/8/2005
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	3/8/2005
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Methylene chloride	EPA 8260	Volatile Organics	NELAP	12/7/2010
Molybdenum	EPA 6010	Metals	NELAP	2/18/2005

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Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Naphthalene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Naphthalene	EPA 8270	Extractable Organics	NELAP	1/19/2005
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Nickel	EPA 6010	Metals	NELAP	2/18/2005
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	1/20/2005
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
o-Xylene	EPA 8260	Volatile Organics	NELAP	12/7/2010
Phenanthrene	EPA 8270	Extractable Organics	NELAP	12/7/2010
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Potassium	EPA 6010	Metals	NELAP	12/7/2010
Pyrene	EPA 8270	Extractable Organics	NELAP	1/19/2005
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Selenium	EPA 6010	Metals	NELAP	2/18/2005
Silica as SiO2	EPA 6010	Metals	NELAP	12/7/2010
Silicon	EPA 6010	Metals	NELAP	12/7/2010
Silver	EPA 6010	Metals	NELAP	12/7/2010
Sodium	EPA 6010	Metals	NELAP	12/7/2010
Strontium	EPA 6010	Metals	NELAP	12/7/2010
Styrene	EPA 8260	Volatile Organics	NELAP	3/8/2005
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	3/8/2005
Thallium	EPA 6010	Metals	NELAP	2/18/2005
Tin	EPA 6010	Metals	NELAP	12/7/2010
Titanium	EPA 6010	Metals	NELAP	12/7/2010
Toluene	EPA 8260	Volatile Organics	NELAP	12/2/2009
Total Petroleum Hydrocarbons (TPH)	FL-PRO	Volatile Organics	NELAP	12/7/2010
Toxicity Characteristic Leaching Procedure	EPA 1311	General Chemistry	NELAP	2/18/2005
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	3/8/2005
trans-1,3-Dichloropropylene	EPA 8260	Volatile Organics	NELAP	3/8/2005
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	3/8/2005
Vanadium	EPA 6010	Metals	NELAP	2/18/2005
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	12/7/2010
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	3/8/2005
Xylene (total)	EPA 8260	Volatile Organics	NELAP	12/7/2010
Zinc	EPA 6010	Metals	NELAP	6/16/2005

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