



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



E82001

ADVANCED ENVIRONMENTAL LABORATORIES, INC. - GAINESVILLE
4965 SW 41ST BLVD.
GAINESVILLE, FL 32608

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 - GENERAL CHEMISTRY, NON-POTABLE WATER - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY

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 Public Health 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: November 09, 2018 Expiration Date: June 30, 2019



A blue ink signature of Patty A. Lewandowski.

Patty A. Lewandowski, MBA, MT(ASCP)
Chief Bureau of Public Health Laboratories
DH Form 1697, 7/04

NON-TRANSFERABLE E82001-60-11/09/2018
Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E82001-60, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E82001**

EPA Lab Code: **FL01280**

(352) 377-2349

E82001

Advanced Environmental Laboratories, Inc. - Gainesville

4965 SW 41st Blvd.

Gainesville, FL 32608

Matrix: **Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	4/1/2009
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	4/1/2009
Escherichia coli	SM 9221 F	Microbiology	NELAP	10/15/2012
Escherichia coli	SM 9223 B	Microbiology	NELAP	1/15/2014
Fluoride	EPA 300.0	Primary Inorganic Contaminants	NELAP	12/4/2015
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	11/9/2018
Nitrate	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	11/9/2018
Nitrate as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	2/1/2007
Nitrate-nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	11/9/2018
Nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	11/9/2018
Nitrite as N	EPA 300.0	Primary Inorganic Contaminants	NELAP	8/29/2012
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	4/1/2009
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	2/1/2007
pH	EPA 150.1	Primary Inorganic Contaminants	NELAP	2/1/2007
pH	SM 4500-H+-B	Secondary Inorganic Contaminants	NELAP	4/1/2009
Residue-filterable (TDS)	EPA 160.1	Secondary Inorganic Contaminants	NELAP	4/1/2009
Residue-filterable (TDS)	SM 2540 C	Secondary Inorganic Contaminants	NELAP	4/1/2009
Sulfate	EPA 300.0	Primary Inorganic Contaminants	NELAP	2/1/2007
Surfactants - MBAS	EPA 425.1	Secondary Inorganic Contaminants	NELAP	4/1/2009
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	4/1/2009
Total coliforms	SM 9222 B	Microbiology	NELAP	2/1/2007
Total coliforms	SM 9223 B	Microbiology	NELAP	1/15/2014
Total cyanide	SM 4500CN-E	Primary Inorganic Contaminants	NELAP	11/9/2018
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	8/29/2012
Total organic carbon	SM 5310 B	Primary Inorganic Contaminants	NELAP	11/9/2018

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State Laboratory ID: **E82001**EPA Lab Code: **FL01280****(352) 377-2349****E82001****Advanced Environmental Laboratories, Inc. - Gainesville****4965 SW 41st Blvd.****Gainesville, FL 32608**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Alkalinity as CaCO ₃	EPA 310.1	General Chemistry	NELAP	12/21/2001
Alkalinity as CaCO ₃	SM 2320 B	General Chemistry	NELAP	11/24/2008
Ammonia as N	EPA 350.1	General Chemistry	NELAP	12/21/2001
Biochemical oxygen demand	SM 5210 B	General Chemistry	NELAP	12/21/2001
Carbonaceous BOD (CBOD)	SM 5210 B	General Chemistry	NELAP	12/21/2001
Chemical oxygen demand	EPA 410.4	General Chemistry	NELAP	12/21/2001
Chloride	EPA 300.0	General Chemistry	NELAP	2/1/2007
Chlorophylls	SM 10200 H	General Chemistry	NELAP	12/21/2001
Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	General Chemistry	NELAP	2/1/2007
Color	EPA 110.2	General Chemistry	NELAP	3/27/2013
Color	SM 2120 B	General Chemistry	NELAP	3/27/2013
Color	SM 2120 C	General Chemistry	NELAP	3/27/2013
Conductivity	EPA 120.1	General Chemistry	NELAP	3/18/2008
Cyanide	SM 4500-CN E	General Chemistry	NELAP	11/24/2008
Enterococci	EPA 1600	Microbiology	NELAP	3/31/2009
Escherichia coli	EPA 1603	Microbiology	NELAP	3/31/2009
Fecal coliforms	SM 9221 E	Microbiology	NELAP	8/14/2014
Fecal coliforms	SM 9222 D	Microbiology	NELAP	2/1/2007
Fluoride	EPA 300.0	General Chemistry	NELAP	2/1/2007
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	8/14/2014
Kjeldahl nitrogen - total	EPA 351.2	General Chemistry	NELAP	12/21/2001
Nitrate	SM 4500-NO ₃ F	General Chemistry	NELAP	11/9/2018
Nitrate as N	EPA 300.0	General Chemistry	NELAP	2/1/2007
Nitrate-nitrite	EPA 353.2	General Chemistry	NELAP	12/21/2001
Nitrate-nitrite	SM 4500-NO ₃ F	General Chemistry	NELAP	11/24/2008
Nitrite	SM 4500-NO ₃ F	General Chemistry	NELAP	11/9/2018
Nitrite as N	EPA 300.0	General Chemistry	NELAP	2/1/2007
Organic nitrogen	TKN minus AMMONIA	General Chemistry	NELAP	12/21/2001
Orthophosphate as P	EPA 300.0	General Chemistry	NELAP	2/1/2007
Orthophosphate as P	EPA 365.2	General Chemistry	NELAP	12/21/2001
Orthophosphate as P	SM 4500-P E	General Chemistry	NELAP	11/24/2008
pH	EPA 150.1	General Chemistry	NELAP	12/21/2001
pH	EPA 9040	General Chemistry	NELAP	7/1/2003
pH	SM 4500-H+-B	General Chemistry	NELAP	11/24/2008
Phosphorus, total	EPA 365.4	General Chemistry	NELAP	8/14/2014

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

Issue Date: 11/9/2018**Expiration Date: 6/30/2019**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E82001-60, expiration date June 30, 2019. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E82001**EPA Lab Code: **FL01280****(352) 377-2349****E82001****Advanced Environmental Laboratories, Inc. - Gainesville****4965 SW 41st Blvd.****Gainesville, FL 32608**Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Residue-filterable (TDS)	EPA 160.1	General Chemistry	NELAP	12/21/2001
Residue-filterable (TDS)	SM 2540 C	General Chemistry	NELAP	11/24/2008
Residue-nonfilterable (TSS)	EPA 160.2	General Chemistry	NELAP	12/21/2001
Residue-nonfilterable (TSS)	SM 2540 D	General Chemistry	NELAP	12/21/2001
Residue-total	EPA 160.3	General Chemistry	NELAP	12/21/2001
Residue-total	SM 2540 B	General Chemistry	NELAP	12/21/2001
Residue-volatile	EPA 160.4	General Chemistry	NELAP	12/21/2001
Residue-volatile	SM 2540 E	General Chemistry	NELAP	12/21/2001
Salinity	SM 2520 B	General Chemistry	NELAP	8/14/2014
Silica as SiO ₂	SM 4500-SiO ₂ C (20th/21st Ed.)/UV-VIS	General Chemistry	NELAP	3/31/2009
Sulfate	EPA 300.0	General Chemistry	NELAP	3/31/2009
Surfactants - MBAS	EPA 425.1	General Chemistry	NELAP	3/31/2009
Surfactants - MBAS	SM 5540 C	General Chemistry	NELAP	3/31/2009
Total coliforms	SM 9222 B	Microbiology	NELAP	2/1/2007
Total cyanide	EPA 9010/9014	General Chemistry	NELAP	7/1/2003
Total nitrate-nitrite	EPA 300.0	General Chemistry	NELAP	2/1/2007
Total nitrate-nitrite	SM 4500-NO ₃ F	General Chemistry	NELAP	11/9/2018
Total nitrogen	TKN + Total nitrate-nitrite	General Chemistry	NELAP	3/31/2009
Total organic carbon	EPA 415.1	General Chemistry	NELAP	12/21/2001
Total organic carbon	SM 5310 B	General Chemistry	NELAP	11/24/2008
Turbidity	EPA 180.1	General Chemistry	NELAP	12/21/2001
Un-ionized Ammonia	DEP SOP 10/03/83	General Chemistry	NELAP	12/21/2001



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Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Fecal coliforms	SM 9221 E	Microbiology	NELAP	1/1/2015
pH	EPA 9040	General Chemistry	NELAP	1/13/2014
pH	EPA 9045	General Chemistry	NELAP	1/13/2014
Residue-total	EPA 160.3	General Chemistry	NELAP	3/31/2009
Residue-total	SM 2540 G	General Chemistry	NELAP	3/31/2009
Total cyanide	EPA 9010/9014	General Chemistry	NELAP	2/25/2010