



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: July 01, 2017 Expiration Date: June 30, 2018



A handwritten signature in blue ink that reads "Susanne Crowe".

Susanne Crowe, MHA
Acting Chief, Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E82001-57-07/01/2017
Supersedes all previously issued certificates



Laboratory Scope of Accreditation

Attachment to Certificate #: E82001-57, expiration date June 30, 2018. 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 |
| Nitrate as N | EPA 300.0 | Primary Inorganic Contaminants | NELAP | 2/1/2007 |
| 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 nitrate-nitrite | EPA 300.0 | Primary Inorganic Contaminants | NELAP | 8/29/2012 |

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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 | EPA 405.1 | 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 | EPA 335.2 | General Chemistry | NELAP | 12/21/2001 |
| 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 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 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 365.3 | General Chemistry | NELAP | 12/21/2001 |

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

Issue Date: 7/1/2017**Expiration Date: 6/30/2018**

**Laboratory Scope of Accreditation**

Attachment to Certificate #: E82001-57, expiration date June 30, 2018. 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 |
|-----------------------------|---|-------------------|--------------------|----------------|
| Phosphorus, total | EPA 365.4 | General Chemistry | NELAP | 8/14/2014 |
| 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 |
| Silica-dissolved | EPA 370.1 | General Chemistry | NELAP | 12/21/2001 |
| 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 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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4965 SW 41st Blvd.
Gainesville, FL 32608**

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 |