



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

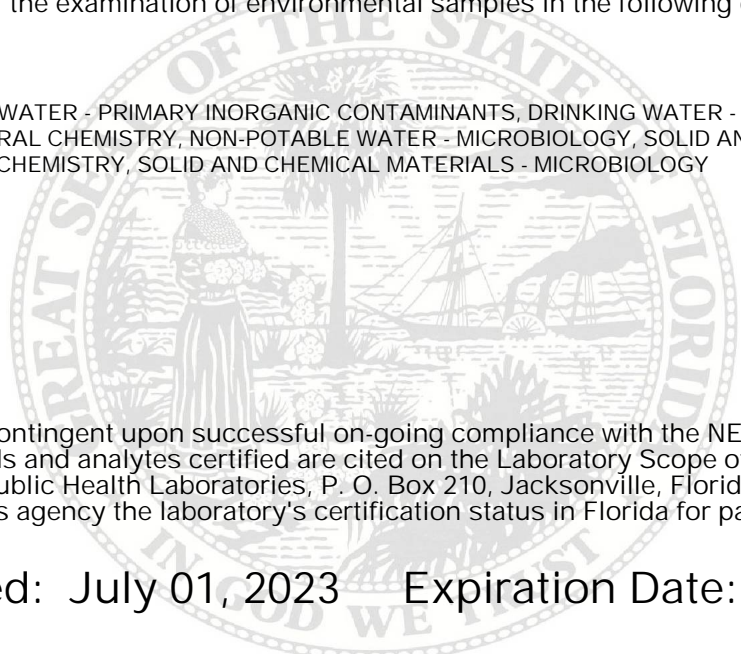


E82001

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, 2023      Expiration Date: June 30, 2024



*Susanne Crowe*

Susanne Crowe, MHA  
 Interim Chief Bureau of Public Health Laboratories  
 DH Form 1697, 7/04  
 NON-TRANSFERABLE E82001-77-07/01/2023  
 Supersedes all previously issued certificates



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82001-77, expiration date June 30, 2024. 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#	Analyte	Method/Tech	Method Code	Category	Effective Date
1575	Chloride	EPA 300.0	10053200	Secondary Inorganic Contaminants	4/1/2009
1605	Color	SM 2120 B	20039309	Secondary Inorganic Contaminants	4/1/2009
2525	Escherichia coli	SM 9223 B	20037676	Microbiology	1/15/2014
2525	Escherichia coli	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	9/15/2020
1730	Fluoride	EPA 300.0	10053200	Primary Inorganic Contaminants	12/4/2015
2555	Heterotrophic plate count	SIMPLATE	60032602	Microbiology	9/15/2020
1805	Nitrate	SM 4500-NO3 F	20117617	Primary Inorganic Contaminants	11/9/2018
1810	Nitrate as N	EPA 300.0	10053200	Primary Inorganic Contaminants	2/1/2007
1820	Nitrate-nitrite	SM 4500-NO3 F	20117617	Primary Inorganic Contaminants	11/9/2018
1835	Nitrite	SM 4500-NO3 F	20117617	Primary Inorganic Contaminants	11/9/2018
1840	Nitrite as N	EPA 300.0	10053200	Primary Inorganic Contaminants	8/29/2012
1855	Odor	SM 2150 B	20043805	Secondary Inorganic Contaminants	4/1/2009
1870	Orthophosphate as P	EPA 300.0	10053200	Primary Inorganic Contaminants	2/1/2007
1900	pH	EPA 150.1	10008409	Primary Inorganic Contaminants	2/1/2007
1900	pH	SM 4500-H+B	20105219	Secondary Inorganic Contaminants	4/1/2009
1955	Residue-filterable (TDS)	EPA 160.1	10009208	Secondary Inorganic Contaminants	4/1/2009
1955	Residue-filterable (TDS)	SM 2540 C	20050402	Secondary Inorganic Contaminants	4/1/2009
2000	Sulfate	EPA 300.0	10053200	Primary Inorganic Contaminants	2/1/2007
2025	Surfactants - MBAS	SM 5540 C	20145055	Secondary Inorganic Contaminants	4/1/2009
2500	Total coliforms	SM 9223 B	20037676	Microbiology	1/15/2014
2500	Total coliforms	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	9/15/2020
1645	Total cyanide	SM 4500-CN E	20021209	Primary Inorganic Contaminants	11/9/2018
1825	Total nitrate-nitrite	EPA 300.0	10053200	Primary Inorganic Contaminants	8/29/2012
2040	Total organic carbon	SM 5310 B	20137819	Primary Inorganic Contaminants	11/9/2018



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Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1505	Alkalinity as CaCO3	EPA 310.1	10054805	General Chemistry	12/21/2001
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	General Chemistry	7/18/2022
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	12/21/2001
1530	Biochemical oxygen demand	SM 5210 B-2016	20135039	General Chemistry	7/18/2022
1555	Carbonaceous BOD (CBOD)	SM 5210 B-2016	20135039	General Chemistry	7/18/2022
1565	Chemical oxygen demand	EPA 410.4	10077404	General Chemistry	12/21/2001
1575	Chloride	EPA 300.0	10053200	General Chemistry	2/1/2007
9345	Chlorophylls	SM 10200 H	20300225	General Chemistry	12/21/2001
1045	Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	20066255	General Chemistry	2/1/2007
1605	Color	SM 2120 B-2011	20039310	General Chemistry	7/18/2022
1605	Color	SM 2120 C	20002000	General Chemistry	3/27/2013
1610	Conductivity	EPA 120.1	10006403	General Chemistry	3/18/2008
2525	Escherichia coli	SM 9223 B-2016 (Colilert QT)	20037701	Microbiology	7/18/2022
2530	Fecal coliforms	COLILERT®-18 (Fecal Coliforms)	60002688	Microbiology	9/15/2020
2530	Fecal coliforms	SM 9221 E-2014	20227263	Microbiology	7/18/2022
1730	Fluoride	EPA 300.0	10053200	General Chemistry	2/1/2007
2555	Heterotrophic plate count	SIMPLATE	60032602	Microbiology	9/15/2020
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	12/21/2001
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	2/1/2007
1810	Nitrate as N	SM 4500-NO3 <sup>-</sup> F-2016	20117684	General Chemistry	7/18/2022
1820	Nitrate-nitrite	EPA 353.2	10067604	General Chemistry	12/21/2001
1820	Nitrate-nitrite	SM 4500-NO3 <sup>-</sup> F-2016	20117684	General Chemistry	7/18/2022
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	2/1/2007
1840	Nitrite as N	SM 4500-NO3 <sup>-</sup> F-2016	20117684	General Chemistry	7/18/2022
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	12/21/2001
1870	Orthophosphate as P	EPA 300.0	10053200	General Chemistry	2/1/2007
1870	Orthophosphate as P	SM 4500-P E-2011	20124225	General Chemistry	7/18/2022
1900	pH	EPA 150.1	10008409	General Chemistry	12/21/2001
1900	pH	EPA 9040C	10244403	General Chemistry	2/23/2023
1900	pH	SM 4500-H+ B-2011	20105220	General Chemistry	7/18/2022
1910	Phosphorus, total	EPA 365.3	10070801	General Chemistry	7/12/2019
1910	Phosphorus, total	EPA 365.4	10071202	General Chemistry	8/14/2014
1955	Residue-filterable (TDS)	EPA 160.1	10009208	General Chemistry	12/21/2001
1955	Residue-filterable (TDS)	SM 2540 C-2015	20050435	General Chemistry	7/18/2022

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

Certification Type **NELAP**  
**Issue Date: 7/1/2023**      **Expiration Date: 6/30/2024**



**Laboratory Scope of Accreditation**

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Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1960	Residue-nonfilterable (TSS)	EPA 160.2	10009606	General Chemistry	12/21/2001
1960	Residue-nonfilterable (TSS)	SM 2540 D-2015	20051223	General Chemistry	7/18/2022
1950	Residue-total	EPA 160.3	10010001	General Chemistry	12/21/2001
1950	Residue-total	SM 2540 B-2015	20049438	General Chemistry	7/18/2022
1970	Residue-volatile	EPA 160.4	10010409	General Chemistry	12/21/2001
1970	Residue-volatile	SM 2540 E-2015	20051610	General Chemistry	7/18/2022
1975	Salinity	SM 2520 B	20004006	General Chemistry	8/14/2014
2000	Sulfate	EPA 300.0	10053200	General Chemistry	3/31/2009
2025	Surfactants - MBAS	EPA 425.1	10080601	General Chemistry	3/31/2009
2025	Surfactants - MBAS	SM 5540 C-2011	20145066	General Chemistry	7/18/2022
2500	Total coliforms	SM 9223 B-2016 (Colilert QT)	20037701	Microbiology	7/18/2022
1645	Total cyanide	EPA 9014	10193803	General Chemistry	7/1/2023
1645	Total cyanide	SM 4500-CN <sup>-</sup> E-2016	20096439	General Chemistry	7/18/2022
1825	Total nitrate-nitrite	EPA 300.0	10053200	General Chemistry	2/1/2007
1827	Total Nitrogen	TKN + Total Nitrate-Nitrite	60034459	General Chemistry	3/31/2009
2040	Total organic carbon	EPA 415.1	10078407	General Chemistry	12/21/2001
2040	Total organic carbon	SM 5310 B-2014	20137831	General Chemistry	7/18/2022
2055	Turbidity	EPA 180.1	10011800	General Chemistry	12/21/2001
2058	Un-Ionized Ammonia	DEP SOP 10/03/83	90015842	General Chemistry	12/21/2001



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Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2530	Fecal coliforms	SM 9221 E	20227218	Microbiology	1/1/2015
1900	pH	EPA 9040C	10244403	General Chemistry	2/23/2023
1900	pH	EPA 9045D	10198455	General Chemistry	2/23/2023
1950	Residue-total	EPA 160.3	10010001	General Chemistry	3/31/2009
1950	Residue-total	SM 2540 G	20005203	General Chemistry	3/31/2009
1645	Total cyanide	EPA 9014	10193803	General Chemistry	7/1/2023