



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



E82574

ADVANCED ENVIRONMENTAL LABORATORIES, INC.  
 6681 SOUTHPOINT PARKWAY  
 JACKSONVILLE, FL 32216

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

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP III UNREGULATED CONTAMINANTS, DRINKING WATER - MICROBIOLOGY, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - RADIOCHEMISTRY, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, 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 - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, 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 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, 2022      Expiration Date: June 30, 2023



*Susanne Crowe*

Susanne Crowe, MHA  
 Interim Chief Bureau of Public Health Laboratories  
 DH Form 1697, 7/04  
 NON-TRANSFERABLE E82574-76-07/01/2022  
 Supersedes all previously issued certificates



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Drinking Water**

| Analyte   | Method/Tech | Category                           | Certification Type | Effective Date |
|---|-------------|------------------------------------|--------------------|----------------|
| 1,1,1,2-Tetrachloroethane   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,1,1-Trichloroethane   | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 1,1,2,2-Tetrachloroethane   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,1,2-Trichloroethane   | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 1,1-Dichloroethane  | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,1-Dichloroethylene  | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 1,1-Dichloropropene   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,2,3-Trichlorobenzene  | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,2,3-Trichloropropane  | EPA 504.1   | Group II Unregulated Contaminants  | NELAP              | 5/10/2011      |
| 1,2,3-Trichloropropane  | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,2,4-Trichlorobenzene  | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 1,2,4-Trimethylbenzene  | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,2-Dibromo-3-chloropropane (DBCP)  | EPA 504.1   | Synthetic Organic Contaminants     | NELAP              | 4/4/2002       |
| 1,2-Dibromoethane (EDB, Ethylene dibromide)                                     | EPA 504.1   | Synthetic Organic Contaminants     | NELAP              | 4/4/2002       |
| 1,2-Dichlorobenzene   | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 1,2-Dichloroethane  | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 1,2-Dichloropropane   | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 1,3,5-Trimethylbenzene  | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,3-Dichlorobenzene   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,3-Dichloropropane   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 1,4-Dichlorobenzene   | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11-CIPF3OUdS)              | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonate, 8:2 FTS)  | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 Fluorotelomersulfonate, 4:2 FTS)  | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| 1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 Fluorotelomersulfonate, 6:2 FTS) | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| 2,2-Dichloropropane   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 2,4-D   | EPA 515.3   | Synthetic Organic Contaminants     | NELAP              | 3/29/2006      |
| 2-Chlorotoluene   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 3-Hydroxycarbofuran   | EPA 531.1   | Group I Unregulated Contaminants   | NELAP              | 7/12/2019      |
| 4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)                                     | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| 4-Chlorotoluene   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-CIPF3ONS)                 | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| Acetone   | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 8/3/2012       |
| Alachlor  | EPA 525.2   | Synthetic Organic Contaminants     | NELAP              | 3/24/2005      |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

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State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Drinking Water**

| Analyte                         | Method/Tech | Category                          | Certification Type | Effective Date |
|---------------------------------|-------------|-----------------------------------|--------------------|----------------|
| Aldicarb (Temik)                | EPA 531.1   | Group I Unregulated Contaminants  | NELAP              | 5/10/2011      |
| Aldicarb sulfone                | EPA 531.1   | Group I Unregulated Contaminants  | NELAP              | 7/26/2012      |
| Aldicarb sulfoxide              | EPA 531.1   | Group I Unregulated Contaminants  | NELAP              | 5/10/2011      |
| Aldrin                          | EPA 508     | Group I Unregulated Contaminants  | NELAP              | 5/10/2011      |
| Alkalinity as CaCO <sub>3</sub> | EPA 310.1   | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Alkalinity as CaCO <sub>3</sub> | SM 2320 B   | Primary Inorganic Contaminants    | NELAP              | 1/21/2005      |
| Aluminum                        | EPA 200.7   | Secondary Inorganic Contaminants  | NELAP              | 4/4/2002       |
| Antimony                        | EPA 200.8   | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Arsenic                         | EPA 200.8   | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Atrazine                        | EPA 525.2   | Synthetic Organic Contaminants    | NELAP              | 3/24/2005      |
| Barium                          | EPA 200.7   | Primary Inorganic Contaminants    | NELAP              | 4/4/2002       |
| Barium                          | EPA 200.8   | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Benzene                         | EPA 524.2   | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Benzo(a)pyrene                  | EPA 525.2   | Synthetic Organic Contaminants    | NELAP              | 1/21/2005      |
| Beryllium                       | EPA 200.7   | Primary Inorganic Contaminants    | NELAP              | 4/4/2002       |
| Beryllium                       | EPA 200.8   | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Boron                           | EPA 200.7   | Secondary Inorganic Contaminants  | NELAP              | 12/8/2006      |
| Bromoacetic acid                | EPA 552.2   | Group I Unregulated Contaminants  | NELAP              | 1/21/2005      |
| Bromobenzene                    | EPA 524.2   | Group II Unregulated Contaminants | NELAP              | 10/26/2009     |
| Bromochloroacetic acid          | EPA 552.2   | Group I Unregulated Contaminants  | NELAP              | 1/21/2005      |
| Bromochloromethane              | EPA 524.2   | Group II Unregulated Contaminants | NELAP              | 10/26/2009     |
| Bromodichloromethane            | EPA 524.2   | Group II Unregulated Contaminants | NELAP              | 1/21/2005      |
| Bromoform                       | EPA 524.2   | Group II Unregulated Contaminants | NELAP              | 1/21/2005      |
| Cadmium                         | EPA 200.7   | Primary Inorganic Contaminants    | NELAP              | 4/4/2002       |
| Cadmium                         | EPA 200.8   | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Calcium                         | EPA 200.7   | Primary Inorganic Contaminants    | NELAP              | 4/4/2002       |
| Carbaryl (Sevin)                | EPA 531.1   | Group I Unregulated Contaminants  | NELAP              | 7/12/2019      |
| Carbofuran (Furadan)            | EPA 531.1   | Synthetic Organic Contaminants    | NELAP              | 4/19/2005      |
| Carbon tetrachloride            | EPA 524.2   | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Chlordane (tech.)               | EPA 508     | Synthetic Organic Contaminants    | NELAP              | 3/24/2005      |
| Chloride                        | EPA 300.0   | Secondary Inorganic Contaminants  | NELAP              | 5/10/2011      |
| Chloroacetic acid               | EPA 552.2   | Group I Unregulated Contaminants  | NELAP              | 1/21/2005      |
| Chlorobenzene                   | EPA 524.2   | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Chloroethane                    | EPA 524.2   | Group II Unregulated Contaminants | NELAP              | 10/26/2009     |
| Chloroform                      | EPA 524.2   | Group II Unregulated Contaminants | NELAP              | 1/21/2005      |
| Chromium                        | EPA 200.7   | Primary Inorganic Contaminants    | NELAP              | 4/4/2002       |

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**Laboratory Scope of Accreditation**

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**Jacksonville, FL 32216**

Matrix: **Drinking Water**

| Analyte  | Method/Tech | Category   | Certification Type | Effective Date |
|--|-------------|--|--------------------|----------------|
| Chromium   | EPA 200.8   | Primary Inorganic Contaminants                                   | NELAP              | 12/8/2006      |
| cis-1,2-Dichloroethylene                         | EPA 524.2   | Other Regulated Contaminants                                     | NELAP              | 1/21/2005      |
| cis-1,3-Dichloropropene                          | EPA 524.2   | Group II Unregulated Contaminants                                | NELAP              | 10/26/2009     |
| Color  | EPA 110.2   | Secondary Inorganic Contaminants                                 | NELAP              | 2/13/2003      |
| Color  | SM 2120 B   | Secondary Inorganic Contaminants                                 | NELAP              | 4/27/2007      |
| Conductivity                                     | EPA 120.1   | Primary Inorganic Contaminants                                   | NELAP              | 4/30/2008      |
| Conductivity                                     | SM 2510 B   | Primary Inorganic Contaminants                                   | NELAP              | 4/30/2008      |
| Copper   | EPA 200.7   | Primary Inorganic Contaminants, Secondary Inorganic Contaminants | NELAP              | 4/4/2002       |
| Copper   | EPA 200.8   | Primary Inorganic Contaminants, Secondary Inorganic Contaminants | NELAP              | 3/25/2015      |
| Dalapon  | EPA 515.3   | Synthetic Organic Contaminants                                   | NELAP              | 1/21/2005      |
| Di(2-ethylhexyl) phthalate (DEHP)                | EPA 525.2   | Synthetic Organic Contaminants                                   | NELAP              | 1/21/2005      |
| Di(2-ethylhexyl)adipate                          | EPA 525.2   | Synthetic Organic Contaminants                                   | NELAP              | 1/21/2005      |
| Dibromoacetic acid                               | EPA 552.2   | Group I Unregulated Contaminants                                 | NELAP              | 1/21/2005      |
| Dibromochloromethane                             | EPA 524.2   | Group II Unregulated Contaminants                                | NELAP              | 1/21/2005      |
| Dibromomethane                                   | EPA 524.2   | Group II Unregulated Contaminants                                | NELAP              | 10/26/2009     |
| Dichloroacetic acid                              | EPA 552.2   | Group I Unregulated Contaminants                                 | NELAP              | 3/24/2005      |
| Dichlorodifluoromethane                          | EPA 524.2   | Group II Unregulated Contaminants                                | NELAP              | 10/26/2009     |
| Dieldrin   | EPA 508     | Group I Unregulated Contaminants                                 | NELAP              | 5/10/2011      |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)    | EPA 515.3   | Synthetic Organic Contaminants                                   | NELAP              | 1/21/2005      |
| Diquat   | EPA 549.2   | Synthetic Organic Contaminants                                   | NELAP              | 4/19/2005      |
| Dissolved organic carbon (DOC)                   | SM 5310 C   | Primary Inorganic Contaminants                                   | NELAP              | 5/9/2022       |
| Endothall  | EPA 548.1   | Synthetic Organic Contaminants                                   | NELAP              | 1/21/2005      |
| Endrin   | EPA 508     | Synthetic Organic Contaminants                                   | NELAP              | 3/24/2005      |
| Escherichia coli                                 | SM 9221 F   | Microbiology   | NELAP              | 8/3/2012       |
| Escherichia coli                                 | SM 9223 B   | Microbiology   | NELAP              | 9/5/2002       |
| Ethylbenzene                                     | EPA 524.2   | Other Regulated Contaminants                                     | NELAP              | 1/21/2005      |
| Fluoride   | EPA 300.0   | Primary Inorganic Contaminants                                   | NELAP              | 2/7/2022       |
| gamma-BHC (Lindane, gamma-Hexachlorocyclohexane) | EPA 508     | Synthetic Organic Contaminants                                   | NELAP              | 3/24/2005      |
| Glyphosate                                       | EPA 547     | Synthetic Organic Contaminants                                   | NELAP              | 4/30/2008      |
| Hardness   | SM 2340 B   | Secondary Inorganic Contaminants                                 | NELAP              | 12/8/2006      |
| Heptachlor                                       | EPA 508     | Synthetic Organic Contaminants                                   | NELAP              | 3/24/2005      |
| Heptachlor epoxide                               | EPA 508     | Synthetic Organic Contaminants                                   | NELAP              | 3/24/2005      |
| Heterotrophic plate count                        | SIMPLATE    | Microbiology   | NELAP              | 7/27/2021      |

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| Analyte  | Method/Tech | Category                           | Certification Type | Effective Date |
|--|-------------|------------------------------------|--------------------|----------------|
| Heterotrophic plate count                            | SM 9215 B   | Microbiology                       | NELAP              | 1/21/2005      |
| Hexachlorobenzene                                    | EPA 508     | Synthetic Organic Contaminants     | NELAP              | 3/24/2005      |
| Hexachlorobutadiene                                  | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| Hexachlorocyclopentadiene                            | EPA 508     | Synthetic Organic Contaminants     | NELAP              | 3/24/2005      |
| Hexachlorocyclopentadiene                            | EPA 525.2   | Synthetic Organic Contaminants     | NELAP              | 7/12/2019      |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX) | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| Iron   | EPA 200.7   | Secondary Inorganic Contaminants   | NELAP              | 4/4/2002       |
| Isopropylbenzene                                     | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| Lead   | EPA 200.8   | Primary Inorganic Contaminants     | NELAP              | 12/8/2006      |
| Magnesium  | EPA 200.7   | Primary Inorganic Contaminants     | NELAP              | 4/4/2002       |
| Manganese  | EPA 200.7   | Secondary Inorganic Contaminants   | NELAP              | 4/4/2002       |
| Manganese  | EPA 200.8   | Secondary Inorganic Contaminants   | NELAP              | 12/8/2006      |
| Mercury  | EPA 1631    | Primary Inorganic Contaminants     | NELAP              | 2/18/2016      |
| Mercury  | EPA 245.1   | Primary Inorganic Contaminants     | NELAP              | 4/4/2002       |
| Methiocarb (Mesurol)                                 | EPA 531.1   | Group I Unregulated Contaminants   | NELAP              | 7/12/2019      |
| Methomyl (Lannate)                                   | EPA 531.1   | Group I Unregulated Contaminants   | NELAP              | 7/12/2019      |
| Methoxychlor   | EPA 508     | Synthetic Organic Contaminants     | NELAP              | 3/24/2005      |
| Methyl bromide (Bromomethane)                        | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| Methyl chloride (Chloromethane)                      | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| Methyl tert-butyl ether (MTBE)                       | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| Methylene chloride                                   | EPA 524.2   | Other Regulated Contaminants       | NELAP              | 1/21/2005      |
| Molybdenum   | EPA 200.7   | Secondary Inorganic Contaminants   | NELAP              | 12/8/2006      |
| Molybdenum   | EPA 200.8   | Secondary Inorganic Contaminants   | NELAP              | 4/27/2007      |
| Naphthalene  | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| n-Butylbenzene                                       | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| Nickel   | EPA 200.7   | Primary Inorganic Contaminants     | NELAP              | 4/4/2002       |
| Nickel   | EPA 200.8   | Primary Inorganic Contaminants     | NELAP              | 12/8/2006      |
| Nitrate  | EPA 300.0   | Primary Inorganic Contaminants     | NELAP              | 5/10/2011      |
| Nitrite  | EPA 300.0   | Primary Inorganic Contaminants     | NELAP              | 5/10/2011      |
| Nonafluoro-3,6-dioxahexanoic Acid (NFDHA)            | EPA 533     | Group III Unregulated Contaminants | NELAP              | 6/19/2020      |
| n-Propylbenzene                                      | EPA 524.2   | Group II Unregulated Contaminants  | NELAP              | 10/26/2009     |
| Odor   | SM 2150 B   | Secondary Inorganic Contaminants   | NELAP              | 2/13/2003      |
| Orthophosphate as P                                  | EPA 300.0   | Primary Inorganic Contaminants     | NELAP              | 5/10/2011      |
| Orthophosphate as P                                  | SM 4500-P E | Primary Inorganic Contaminants     | NELAP              | 6/6/2017       |
| Oxamyl   | EPA 531.1   | Synthetic Organic Contaminants     | NELAP              | 2/25/2015      |
| PCB Screen as AROCLORS                               | EPA 508     | Synthetic Organic Contaminants     | NELAP              | 3/24/2005      |

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| Analyte  | Method/Tech  | Category   | Certification Type | Effective Date |
|--|--------------|--|--------------------|----------------|
| Pentachlorophenol  | EPA 515.3    | Synthetic Organic Contaminants                                   | NELAP              | 1/21/2005      |
| Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEEESA)                  | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoro-3-methoxypropanoic Acid (PFMPA)                          | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoro-4-methoxybutanoic Acid (PFMBA)                           | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorobutane Sulfonate (PFBS, Perfluorobutane Sulfonic Acid)    | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorobutanoate (PFBA, Perfluorobutanoic Acid)                  | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorodecanoate (PFDA, Perfluorodecanoic Acid)                  | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorododecanoate (PFDoA, Perfluorododecanoic Acid)             | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoroheptane Sulfonate (PFHpS, Perfluoroheptane Sulfonic Acid) | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoroheptanoate (PFHpA, Perfluoroheptanoic Acid)               | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorohexane Sulfonic Acid (PFHxS, Perfluorohexane Sulfonate)   | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorohexanoate (PFHxA, Perfluorohexanoic Acid)                 | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorononanoate (PFNA, Perfluorononanoic Acid)                  | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluorooctane Sulfonic Acid (PFOS, Perfluoro-octane Sulfonate)   | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoro-octanoate (PFOA, Perfluoro-octanoic Acid)                | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoropentane Sulfonic Acid (PFPeS, Perfluoropentane Sulfonate) | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoropentanoate (PFPeA, Perfluoropentanoic Acid)               | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| Perfluoroundecanoate (PFUnA, Perfluoroundecanoic Acid)             | EPA 533      | Group III Unregulated Contaminants                               | NELAP              | 6/19/2020      |
| pH   | EPA 150.1    | Primary Inorganic Contaminants, Secondary Inorganic Contaminants | NELAP              | 4/4/2002       |
| pH   | SM 4500-H+-B | Secondary Inorganic Contaminants                                 | NELAP              | 2/28/2008      |
| Picloram   | EPA 515.3    | Synthetic Organic Contaminants                                   | NELAP              | 1/21/2005      |
| p-Isopropyltoluene   | EPA 524.2    | Group II Unregulated Contaminants                                | NELAP              | 10/26/2009     |
| Potassium  | EPA 200.7    | Secondary Inorganic Contaminants                                 | NELAP              | 1/21/2005      |
| Propoxur (Baygon)  | EPA 531.1    | Group I Unregulated Contaminants                                 | NELAP              | 7/12/2019      |
| Residue-filterable (TDS)   | EPA 160.1    | Secondary Inorganic Contaminants                                 | NELAP              | 4/4/2002       |
| Residue-filterable (TDS)   | SM 2540 C    | Secondary Inorganic Contaminants                                 | NELAP              | 2/28/2008      |
| Salinity   | SM 2520 B    | Secondary Inorganic Contaminants                                 | NELAP              | 8/3/2012       |
| sec-Butylbenzene   | EPA 524.2    | Group II Unregulated Contaminants                                | NELAP              | 10/26/2009     |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Drinking Water**

| Analyte                                 | Method/Tech               | Category                          | Certification Type | Effective Date |
|---|---------------------------|-----------------------------------|--------------------|----------------|
| Selenium                                | EPA 200.8                 | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Silica as SiO <sub>2</sub>              | EPA 200.7                 | Primary Inorganic Contaminants    | NELAP              | 1/21/2005      |
| Silver                                  | EPA 200.7                 | Secondary Inorganic Contaminants  | NELAP              | 4/4/2002       |
| Silver                                  | EPA 200.8                 | Secondary Inorganic Contaminants  | NELAP              | 12/8/2006      |
| Silvex (2,4,5-TP)                       | EPA 515.3                 | Synthetic Organic Contaminants    | NELAP              | 1/21/2005      |
| Simazine                                | EPA 525.2                 | Synthetic Organic Contaminants    | NELAP              | 3/24/2005      |
| Sodium                                  | EPA 200.7                 | Primary Inorganic Contaminants    | NELAP              | 4/4/2002       |
| Styrene                                 | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Sulfate                                 | EPA 300.0                 | Primary Inorganic Contaminants    | NELAP              | 5/10/2011      |
| tert-Butylbenzene                       | EPA 524.2                 | Group II Unregulated Contaminants | NELAP              | 10/26/2009     |
| Tetrachloroethylene (Perchloroethylene) | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Thallium                                | EPA 200.8                 | Primary Inorganic Contaminants    | NELAP              | 12/8/2006      |
| Toluene                                 | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Total coliforms                         | SM 9222 B                 | Microbiology                      | NELAP              | 4/4/2002       |
| Total coliforms                         | SM 9223 B                 | Microbiology                      | NELAP              | 9/5/2002       |
| Total coliforms                         | SM 9223 B<br>/QUANTI-TRAY | Microbiology                      | NELAP              | 5/9/2022       |
| Total haloacetic acids (HAA5)           | EPA 552.2                 | Synthetic Organic Contaminants    | NELAP              | 1/21/2005      |
| Total nitrate-nitrite                   | EPA 300.0                 | Primary Inorganic Contaminants    | NELAP              | 5/10/2011      |
| Total organic carbon                    | SM 5310 C                 | Primary Inorganic Contaminants    | NELAP              | 5/9/2022       |
| Total trihalomethanes                   | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Toxaphene (Chlorinated camphene)        | EPA 508                   | Synthetic Organic Contaminants    | NELAP              | 3/24/2005      |
| trans-1,2-Dichloroethylene              | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| trans-1,3-Dichloropropene               | EPA 524.2                 | Group II Unregulated Contaminants | NELAP              | 10/26/2009     |
| Trichloroacetic acid                    | EPA 552.2                 | Group I Unregulated Contaminants  | NELAP              | 1/21/2005      |
| Trichloroethene (Trichloroethylene)     | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Trichlorofluoromethane                  | EPA 524.2                 | Group II Unregulated Contaminants | NELAP              | 10/26/2009     |
| Turbidity                               | EPA 180.1                 | Secondary Inorganic Contaminants  | NELAP              | 7/17/2002      |
| Uranium (mass)                          | EPA 200.8                 | Radiochemistry                    | NELAP              | 7/1/2007       |
| Vinyl chloride                          | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Xylene (total)                          | EPA 524.2                 | Other Regulated Contaminants      | NELAP              | 1/21/2005      |
| Zinc                                    | EPA 200.7                 | Secondary Inorganic Contaminants  | NELAP              | 4/4/2002       |
| Zinc                                    | EPA 200.8                 | Secondary Inorganic Contaminants  | NELAP              | 12/8/2006      |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

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State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte   | Method/Tech | Category             | Certification Type | Effective Date |
|---|-------------|----------------------|--------------------|----------------|
| 1,1,1,2-Tetrachloroethane                         | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,1,1-Trichloroethane                             | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,1,1-Trichloroethane                             | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,1,2,2-Tetrachloroethane                         | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,1,2,2-Tetrachloroethane                         | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | EPA 8260    | Volatile Organics    | NELAP              | 5/10/2011      |
| 1,1,2-Trichloroethane                             | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,1,2-Trichloroethane                             | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,1-Dichloroethane                                | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,1-Dichloroethane                                | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,1-Dichloroethylene                              | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,1-Dichloroethylene                              | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,1-Dichloropropene                               | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2,3-Trichlorobenzene                            | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2,3-Trichloropropane                            | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2,4,5-Tetrachlorobenzene                        | EPA 8270    | Extractable Organics | NELAP              | 7/1/2003       |
| 1,2,4-Trichlorobenzene                            | EPA 625.1   | Extractable Organics | NELAP              | 1/22/2018      |
| 1,2,4-Trichlorobenzene                            | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2,4-Trichlorobenzene                            | EPA 8270    | Extractable Organics | NELAP              | 7/1/2003       |
| 1,2,4-Trimethylbenzene                            | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2-Dibromo-3-chloropropane (DBCP)                | EPA 8011    | Volatile Organics    | NELAP              | 12/8/2006      |
| 1,2-Dibromo-3-chloropropane (DBCP)                | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2-Dibromoethane (EDB, Ethylene dibromide)       | EPA 8011    | Volatile Organics    | NELAP              | 12/8/2006      |
| 1,2-Dibromoethane (EDB, Ethylene dibromide)       | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2-Dichlorobenzene                               | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,2-Dichlorobenzene                               | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2-Dichlorobenzene                               | EPA 8270    | Extractable Organics | NELAP              | 7/1/2003       |
| 1,2-Dichloroethane                                | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,2-Dichloroethane                                | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2-Dichloropropane                               | EPA 624.1   | Volatile Organics    | NELAP              | 1/22/2018      |
| 1,2-Dichloropropane                               | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,2-Diphenylhydrazine                             | EPA 8270    | Extractable Organics | NELAP              | 7/1/2003       |
| 1,2-Diphenylhydrazine (as Azobenzene)             | EPA 625.1   | Extractable Organics | NELAP              | 1/22/2018      |
| 1,3,5-Trimethylbenzene                            | EPA 8260    | Volatile Organics    | NELAP              | 7/1/2003       |
| 1,3,5-Trinitrobenzene (1,3,5-TNB)                 | EPA 8270    | Extractable Organics | NELAP              | 7/1/2003       |
| 1,3,5-Trinitrobenzene (1,3,5-TNB)                 | EPA 8330    | Extractable Organics | NELAP              | 5/9/2022       |

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**Expiration Date: 6/30/2023**





**Laboratory Scope of Accreditation**

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EPA Lab Code: **FL00949**

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**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte   | Method/Tech            | Category                    | Certification Type | Effective Date |
|---|------------------------|-----------------------------|--------------------|----------------|
| 1,3-Dichlorobenzene   | EPA 624.1              | Volatile Organics           | NELAP              | 1/22/2018      |
| 1,3-Dichlorobenzene   | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| 1,3-Dichlorobenzene   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 1,3-Dichloropropane   | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| 1,3-Dinitrobenzene (1,3-DNB)  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 1,3-Dinitrobenzene (1,3-DNB)  | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 1,4-Dichlorobenzene   | EPA 624.1              | Volatile Organics           | NELAP              | 1/22/2018      |
| 1,4-Dichlorobenzene   | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| 1,4-Dichlorobenzene   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 1,4-Dioxane (1,4-Diethyleneoxide)   | EPA 8260               | Volatile Organics           | NELAP              | 5/10/2011      |
| 1,4-Dioxane (1,4-Diethyleneoxide)   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2018       |
| 1,4-Naphthoquinone  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 1,4-Phenylenediamine  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11-CIPF30UdS)                              | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| 1-Chloronaphthalene   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonate, 8:2 FTS)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 Fluorotelomersulfonate, 4:2 FTS)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| 1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 Fluorotelomersulfonate, 6:2 FTS)                 | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| 1-Methylnaphthalene   | EPA 625.1              | Extractable Organics        | NELAP              | 7/1/2018       |
| 1-Methylnaphthalene   | EPA 8270               | Extractable Organics        | NELAP              | 10/26/2009     |
| 1-Naphthylamine   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid   | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| 2-(N-Methyl-perfluorooctane sulfonamido) acetic acid  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| 2,2-Dichloropropane   | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| 2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,3,4,6-Tetrachlorophenol   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,3-Dichloroaniline   | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,4,5-T   | EPA 8151               | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| 2,4,5-Trichlorophenol   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,4,6-Trichlorophenol   | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,4,6-Trichlorophenol   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,4,6-Trinitrotoluene (2,4,6-TNT)   | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |

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**Laboratory Scope of Accreditation**

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State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                               | Method/Tech | Category                    | Certification Type | Effective Date |
|---------------------------------------|-------------|-----------------------------|--------------------|----------------|
| 2,4-D                                 | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| 2,4-DB                                | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| 2,4-Dichlorophenol                    | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,4-Dichlorophenol                    | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,4-Dimethylphenol                    | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,4-Dimethylphenol                    | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,4-Dinitrophenol                     | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,4-Dinitrophenol                     | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,4-Dinitrotoluene (2,4-DNT)          | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,4-Dinitrotoluene (2,4-DNT)          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,4-Dinitrotoluene (2,4-DNT)          | EPA 8330    | Extractable Organics        | NELAP              | 5/9/2022       |
| 2,6-Dichlorophenol                    | EPA 625.1   | Extractable Organics        | NELAP              | 7/12/2019      |
| 2,6-Dichlorophenol                    | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,6-Dinitrotoluene (2,6-DNT)          | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2,6-Dinitrotoluene (2,6-DNT)          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2,6-Dinitrotoluene (2,6-DNT)          | EPA 8330    | Extractable Organics        | NELAP              | 5/9/2022       |
| 2-Acetylaminofluorene                 | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Amino-4,6-dinitrotoluene (2-am-dnt) | EPA 8330    | Extractable Organics        | NELAP              | 5/9/2022       |
| 2-Butanone (Methyl ethyl ketone, MEK) | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| 2-Chloroethyl vinyl ether             | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| 2-Chloroethyl vinyl ether             | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| 2-Chloronaphthalene                   | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2-Chloronaphthalene                   | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Chlorophenol                        | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2-Chlorophenol                        | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Chlorotoluene                       | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| 2-Ethoxyethanol (Ethyl Cellusolve)    | EPA 8015    | Volatile Organics           | NELAP              | 7/12/2019      |
| 2-Hexanone                            | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| 2-Methyl-4,6-dinitrophenol            | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2-Methyl-4,6-dinitrophenol            | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Methylnaphthalene                   | EPA 625.1   | Extractable Organics        | NELAP              | 7/12/2019      |
| 2-Methylnaphthalene                   | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Methylphenol (o-Cresol)             | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| 2-Methylphenol (o-Cresol)             | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Naphthylamine                       | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Nitroaniline                        | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |

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**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

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EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                                     | Method/Tech            | Category                    | Certification Type | Effective Date |
|---|------------------------|-----------------------------|--------------------|----------------|
| 2-Nitrophenol                               | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 2-Nitrophenol                               | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 2-Nitropropane                              | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| 2-Nitrotoluene                              | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 2-Picoline (2-Methylpyridine)               | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 3,3'-Dichlorobenzidine                      | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 3,3'-Dichlorobenzidine                      | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 3,3'-Dimethoxybenzidine                     | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 3,3'-Dimethylbenzidine                      | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 3,5-Dinitroaniline                          | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 3/4-Methylphenols (m/p-Cresols)             | EPA 625.1              | Extractable Organics        | NELAP              | 7/12/2019      |
| 3/4-Methylphenols (m/p-Cresols)             | EPA 8270               | Extractable Organics        | NELAP              | 4/27/2007      |
| 3-Methylcholanthrene                        | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 3-Nitroaniline                              | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 3-Nitrotoluene                              | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 4,4'-DDD                                    | EPA 608.3              | Extractable Organics        | NELAP              | 1/22/2018      |
| 4,4'-DDD                                    | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| 4,4'-DDE                                    | EPA 608.3              | Extractable Organics        | NELAP              | 1/22/2018      |
| 4,4'-DDE                                    | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| 4,4'-DDT                                    | EPA 608.3              | Extractable Organics        | NELAP              | 1/22/2018      |
| 4,4'-DDT                                    | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| 4,8-Dioxa-3H-perfluorononanoic Acid (ADONA) | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| 4-Amino-2,6-dinitrotoluene (4-am-dnt)       | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 4-Aminobiphenyl                             | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Bromophenyl phenyl ether                  | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 4-Bromophenyl phenyl ether                  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Chloro-3-methylphenol                     | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 4-Chloro-3-methylphenol                     | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Chloroaniline                             | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Chlorophenyl phenylether                  | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| 4-Chlorophenyl phenylether                  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Chlorotoluene                             | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| 4-Dimethyl aminoazobenzene                  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Methyl-2-pentanone (MIBK)                 | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| 4-Nitroaniline                              | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Nitrophenol                               | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte   | Method/Tech            | Category                    | Certification Type | Effective Date |
|---|------------------------|-----------------------------|--------------------|----------------|
| 4-Nitrophenol   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Nitroquinoline 1-oxide  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 4-Nitrotoluene  | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 5-Nitro-o-toluidine   | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 7,12-Dimethylbenz(a) anthracene                                 | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-CIPF3ONS) | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 6/19/2020      |
| a,a-Dimethylphenethylamine                                      | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| Acenaphthene  | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| Acenaphthene  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| Acenaphthylene  | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| Acenaphthylene  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| Acetone   | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| Acetonitrile  | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| Acetophenone  | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| Acetophenone  | EPA 8270               | Extractable Organics        | NELAP              | 7/1/2003       |
| Acrolein (Propenal)   | EPA 624.1              | Volatile Organics           | NELAP              | 1/22/2018      |
| Acrolein (Propenal)   | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| Acrylonitrile   | EPA 624.1              | Volatile Organics           | NELAP              | 1/22/2018      |
| Acrylonitrile   | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| Adsorbable organic halogens (AOX)                               | EPA 1650               | General Chemistry           | NELAP              | 7/1/2018       |
| Alachlor  | EPA 8270               | Pesticides-Herbicides-PCB's | NELAP              | 6/19/2020      |
| Aldrin  | EPA 608.3              | Extractable Organics        | NELAP              | 1/22/2018      |
| Aldrin  | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Alkalinity as CaCO3   | EPA 310.1              | General Chemistry           | NELAP              | 2/13/2003      |
| Alkalinity as CaCO3   | SM 2320 B              | General Chemistry           | NELAP              | 4/27/2007      |
| Allyl chloride (3-Chloropropene)                                | EPA 8260               | Volatile Organics           | NELAP              | 7/1/2003       |
| alpha-BHC (alpha-Hexachlorocyclohexane)                         | EPA 608.3              | Extractable Organics        | NELAP              | 1/22/2018      |
| alpha-BHC (alpha-Hexachlorocyclohexane)                         | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| alpha-Chlordane   | EPA 608.3              | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| alpha-Chlordane   | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| alpha-Terpineol   | EPA 625.1              | Extractable Organics        | NELAP              | 1/22/2018      |
| Aluminum  | EPA 200.7              | Metals                      | NELAP              | 4/4/2002       |
| Aluminum  | EPA 200.8              | Metals                      | NELAP              | 6/6/2017       |
| Aluminum  | EPA 6010               | Metals                      | NELAP              | 7/1/2003       |
| Aluminum  | EPA 6020               | Metals                      | NELAP              | 6/6/2017       |
| Ametryn   | EPA 8270               | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |

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**Laboratory Scope of Accreditation**

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EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                   | Method/Tech | Category                    | Certification Type | Effective Date |
|---------------------------|-------------|-----------------------------|--------------------|----------------|
| Aniline                   | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aniline                   | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Anthracene                | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Anthracene                | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Antimony                  | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Antimony                  | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Antimony                  | EPA 6010    | Metals                      | NELAP              | 7/1/2003       |
| Antimony                  | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| Aramite                   | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Aroclor-1016 (PCB-1016)   | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aroclor-1016 (PCB-1016)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Aroclor-1221 (PCB-1221)   | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aroclor-1221 (PCB-1221)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Aroclor-1232 (PCB-1232)   | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aroclor-1232 (PCB-1232)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Aroclor-1242 (PCB-1242)   | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aroclor-1242 (PCB-1242)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Aroclor-1248 (PCB-1248)   | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aroclor-1248 (PCB-1248)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Aroclor-1254 (PCB-1254)   | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aroclor-1254 (PCB-1254)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Aroclor-1260 (PCB-1260)   | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Aroclor-1260 (PCB-1260)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Aroclor-1262 (PCB-1262)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 5/10/2011      |
| Aroclor-1268 (PCB-1268)   | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 5/10/2011      |
| Arsenic                   | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Arsenic                   | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Arsenic                   | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Arsenic                   | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| Atrazine                  | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Atrazine                  | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| Azinphos-methyl (Guthion) | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Barium                    | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Barium                    | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Barium                    | EPA 6010    | Metals                      | NELAP              | 7/1/2003       |
| Barium                    | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

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EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                               | Method/Tech | Category                    | Certification Type | Effective Date |
|---------------------------------------|-------------|-----------------------------|--------------------|----------------|
| Benzaldehyde                          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| Benzene                               | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Benzene                               | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Benzidine                             | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Benzidine                             | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Benzo(a)anthracene                    | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Benzo(a)anthracene                    | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Benzo(a)pyrene                        | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Benzo(a)pyrene                        | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Benzo(b)fluoranthene                  | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Benzo(b)fluoranthene                  | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Benzo(g,h,i)perylene                  | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Benzo(g,h,i)perylene                  | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Benzo(k)fluoranthene                  | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Benzo(k)fluoranthene                  | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Benzoic acid                          | EPA 625.1   | Extractable Organics        | NELAP              | 7/12/2019      |
| Benzoic acid                          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Benzyl alcohol                        | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Beryllium                             | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Beryllium                             | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Beryllium                             | EPA 6010    | Metals                      | NELAP              | 7/1/2003       |
| Beryllium                             | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| beta-BHC (beta-Hexachlorocyclohexane) | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| beta-BHC (beta-Hexachlorocyclohexane) | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Biochemical oxygen demand             | SM 5210 B   | General Chemistry           | NELAP              | 2/13/2003      |
| Biphenyl (1,1-Biphenyl, BZ 0)         | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| bis(2-Chloroethoxy)methane            | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| bis(2-Chloroethoxy)methane            | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| bis(2-Chloroethyl) ether              | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| bis(2-Chloroethyl) ether              | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Boron                                 | EPA 200.7   | Metals                      | NELAP              | 1/21/2005      |
| Boron                                 | EPA 200.8   | Metals                      | NELAP              | 7/12/2019      |
| Boron                                 | EPA 6010    | Metals                      | NELAP              | 1/21/2005      |
| Bromide                               | EPA 300.0   | General Chemistry           | NELAP              | 6/19/2020      |
| Bromide                               | EPA 9056    | General Chemistry           | NELAP              | 6/19/2020      |
| Bromobenzene                          | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |

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**Laboratory Scope of Accreditation**

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State Laboratory ID: **E82574**

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**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                 | Method/Tech | Category                    | Certification Type | Effective Date |
|-------------------------|-------------|-----------------------------|--------------------|----------------|
| Bromochloromethane      | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Bromodichloromethane    | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Bromodichloromethane    | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Bromoform               | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Bromoform               | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Butyl benzyl phthalate  | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Butyl benzyl phthalate  | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Cadmium                 | EPA 200.7   | Metals                      | NELAP              | 8/14/2002      |
| Cadmium                 | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Cadmium                 | EPA 6010    | Metals                      | NELAP              | 8/14/2002      |
| Cadmium                 | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| Calcium                 | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Calcium                 | EPA 6010    | Metals                      | NELAP              | 7/1/2003       |
| Caprolactam             | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| Carbazole               | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Carbazole               | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Carbon disulfide        | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Carbon tetrachloride    | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Carbon tetrachloride    | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Carbonaceous BOD (CBOD) | SM 5210 B   | General Chemistry           | NELAP              | 2/13/2003      |
| Chemical oxygen demand  | EPA 410.4   | General Chemistry           | NELAP              | 5/10/2011      |
| Chlordane (tech.)       | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Chlordane (tech.)       | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Chloride                | EPA 300.0   | General Chemistry           | NELAP              | 5/10/2011      |
| Chloride                | EPA 9056    | General Chemistry           | NELAP              | 5/10/2011      |
| Chlorobenzene           | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Chlorobenzene           | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Chlorobenzilate         | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Chloroethane            | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Chloroethane            | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Chloroform              | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Chloroform              | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Chloroprene             | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Chlorpyrifos            | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Chlorpyrifos methyl     | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Chromium                | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |

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**Expiration Date: 6/30/2023**



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EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                           | Method/Tech                         | Category                    | Certification Type | Effective Date |
|-----------------------------------|-------------------------------------|-----------------------------|--------------------|----------------|
| Chromium                          | EPA 200.8                           | Metals                      | NELAP              | 12/8/2006      |
| Chromium                          | EPA 6010                            | Metals                      | NELAP              | 4/4/2002       |
| Chromium                          | EPA 6020                            | Metals                      | NELAP              | 12/8/2006      |
| Chromium VI                       | EPA 7196                            | Metals                      | NELAP              | 6/6/2017       |
| Chromium VI                       | SM 3500-Cr D (18th/19th Ed.)/UV-VIS | General Chemistry           | NELAP              | 4/17/2002      |
| Chrysene                          | EPA 625.1                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Chrysene                          | EPA 8270                            | Extractable Organics        | NELAP              | 7/1/2003       |
| cis-1,2-Dichloroethylene          | EPA 624.1                           | Volatile Organics           | NELAP              | 7/12/2019      |
| cis-1,2-Dichloroethylene          | EPA 8260                            | Volatile Organics           | NELAP              | 7/1/2003       |
| cis-1,3-Dichloropropene           | EPA 624.1                           | Volatile Organics           | NELAP              | 1/22/2018      |
| cis-1,3-Dichloropropene           | EPA 8260                            | Volatile Organics           | NELAP              | 7/1/2003       |
| cis-1,4-Dichloro-2-butene         | EPA 8260                            | Volatile Organics           | NELAP              | 7/1/2003       |
| Cobalt                            | EPA 200.7                           | Metals                      | NELAP              | 4/4/2002       |
| Cobalt                            | EPA 200.8                           | Metals                      | NELAP              | 12/8/2006      |
| Cobalt                            | EPA 6010                            | Metals                      | NELAP              | 7/1/2003       |
| Cobalt                            | EPA 6020                            | Metals                      | NELAP              | 12/8/2006      |
| Color                             | EPA 110.2                           | General Chemistry           | NELAP              | 2/13/2003      |
| Color                             | SM 2120 B                           | General Chemistry           | NELAP              | 4/27/2007      |
| Conductivity                      | EPA 120.1                           | General Chemistry           | NELAP              | 4/30/2008      |
| Conductivity                      | EPA 9050                            | General Chemistry           | NELAP              | 5/30/2006      |
| Conductivity                      | SM 2510 B                           | General Chemistry           | NELAP              | 4/27/2007      |
| Copper                            | EPA 200.7                           | Metals                      | NELAP              | 4/4/2002       |
| Copper                            | EPA 200.8                           | Metals                      | NELAP              | 12/8/2006      |
| Copper                            | EPA 6010                            | Metals                      | NELAP              | 4/4/2002       |
| Copper                            | EPA 6020                            | Metals                      | NELAP              | 12/8/2006      |
| Corrosivity (langlier index)      | SM 2330 B                           | General Chemistry           | NELAP              | 4/27/2007      |
| Corrosivity (pH)                  | EPA 9040                            | General Chemistry           | NELAP              | 7/1/2003       |
| Cyclohexane                       | EPA 8260                            | Volatile Organics           | NELAP              | 10/26/2009     |
| Cyclohexanone                     | EPA 8260                            | Extractable Organics        | NELAP              | 7/1/2018       |
| Dalapon                           | EPA 8151                            | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| delta-BHC                         | EPA 608.3                           | Extractable Organics        | NELAP              | 1/22/2018      |
| delta-BHC                         | EPA 8081                            | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Demeton                           | EPA 8141                            | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Demeton-o                         | EPA 8141                            | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Demeton-s                         | EPA 8141                            | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Di(2-ethylhexyl) phthalate (DEHP) | EPA 625.1                           | Extractable Organics        | NELAP              | 1/22/2018      |

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**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                                       | Method/Tech | Category                    | Certification Type | Effective Date |
|---|-------------|-----------------------------|--------------------|----------------|
| Di(2-ethylhexyl) phthalate (DEHP)             | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Di(2-ethylhexyl)adipate                       | EPA 8270    | Volatile Organics           | NELAP              | 6/19/2020      |
| Diallate                                      | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Diazinon                                      | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dibenz(a,h)anthracene                         | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Dibenz(a,h)anthracene                         | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Dibenz(a,j)acridine                           | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Dibenzofuran                                  | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Dibromochloromethane                          | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Dibromochloromethane                          | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Dibromomethane                                | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Dicamba                                       | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dichlorodifluoromethane                       | EPA 624.1   | Volatile Organics           | NELAP              | 6/19/2020      |
| Dichlorodifluoromethane                       | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Dichloroprop (Dichlorprop)                    | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dieldrin                                      | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |
| Dieldrin                                      | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Diesel range organics (DRO)                   | EPA 8015    | Extractable Organics        | NELAP              | 7/1/2018       |
| Diethyl ether                                 | EPA 8260    | Volatile Organics           | NELAP              | 5/10/2011      |
| Diethyl phthalate                             | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Diethyl phthalate                             | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Di-isopropylether (DIPE)                      | EPA 8260    | Volatile Organics           | NELAP              | 10/26/2009     |
| Dimethoate                                    | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dimethoate                                    | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Dimethyl phthalate                            | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Dimethyl phthalate                            | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Di-n-butyl phthalate                          | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Di-n-butyl phthalate                          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Di-n-octyl phthalate                          | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Di-n-octyl phthalate                          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Diphenylamine                                 | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Dissolved organic carbon (DOC)                | SM 5310 C   | General Chemistry           | NELAP              | 5/9/2022       |
| Disulfoton                                    | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Disulfoton                                    | EPA 8270    | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                   | Method/Tech                    | Category                    | Certification Type | Effective Date |
|---------------------------|--------------------------------|-----------------------------|--------------------|----------------|
| Endosulfan I              | EPA 608.3                      | Extractable Organics        | NELAP              | 1/22/2018      |
| Endosulfan I              | EPA 8081                       | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Endosulfan II             | EPA 608.3                      | Extractable Organics        | NELAP              | 1/22/2018      |
| Endosulfan II             | EPA 8081                       | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Endosulfan sulfate        | EPA 608.3                      | Extractable Organics        | NELAP              | 1/22/2018      |
| Endosulfan sulfate        | EPA 8081                       | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Endrin                    | EPA 608.3                      | Extractable Organics        | NELAP              | 1/22/2018      |
| Endrin                    | EPA 8081                       | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Endrin aldehyde           | EPA 608.3                      | Extractable Organics        | NELAP              | 1/22/2018      |
| Endrin aldehyde           | EPA 8081                       | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Endrin ketone             | EPA 8081                       | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Enterococci               | ENTEROLERT / QUANTI-TRAY       | Microbiology                | NELAP              | 7/1/2018       |
| Escherichia coli          | SM 9223 B /QUANTI-TRAY         | Microbiology                | NELAP              | 7/1/2018       |
| Ethane                    | RSK-175                        | Volatile Organics           | NELAP              | 2/18/2016      |
| Ethanol                   | EPA 8015                       | Volatile Organics           | NELAP              | 5/10/2011      |
| Ethanol                   | EPA 8260                       | Volatile Organics           | NELAP              | 8/3/2012       |
| Ethion                    | EPA 8141                       | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Ethoprop                  | EPA 8141                       | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Ethyl acetate             | EPA 8260                       | Volatile Organics           | NELAP              | 7/1/2003       |
| Ethyl methacrylate        | EPA 8260                       | Volatile Organics           | NELAP              | 7/1/2003       |
| Ethyl methanesulfonate    | EPA 8270                       | Extractable Organics        | NELAP              | 7/1/2003       |
| Ethylbenzene              | EPA 624.1                      | Volatile Organics           | NELAP              | 1/22/2018      |
| Ethylbenzene              | EPA 8260                       | Volatile Organics           | NELAP              | 7/1/2003       |
| Ethylene                  | RSK-175                        | Volatile Organics           | NELAP              | 2/18/2016      |
| Ethylene glycol           | EPA 8015                       | Volatile Organics           | NELAP              | 10/26/2009     |
| Ethyl-t-butylether (ETBE) | EPA 8260                       | Volatile Organics           | NELAP              | 10/26/2009     |
| Famphur                   | EPA 8141                       | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Famphur                   | EPA 8270                       | Extractable Organics        | NELAP              | 7/1/2003       |
| Fecal coliforms           | COLILERT®-18 (Fecal Coliforms) | Microbiology                | NELAP              | 7/1/2018       |
| Fecal coliforms           | SM 9222 D                      | Microbiology                | NELAP              | 7/12/2002      |
| Fensulfothion             | EPA 8141                       | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Fluoranthene              | EPA 625.1                      | Extractable Organics        | NELAP              | 1/22/2018      |
| Fluoranthene              | EPA 8270                       | Extractable Organics        | NELAP              | 7/1/2003       |
| Fluorene                  | EPA 625.1                      | Extractable Organics        | NELAP              | 1/22/2018      |
| Fluorene                  | EPA 8270                       | Extractable Organics        | NELAP              | 7/1/2003       |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

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EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte  | Method/Tech                         | Category                    | Certification Type | Effective Date |
|--|-------------------------------------|-----------------------------|--------------------|----------------|
| Fluoride   | EPA 300.0                           | General Chemistry           | NELAP              | 5/10/2011      |
| Fluoride   | EPA 9056                            | General Chemistry           | NELAP              | 5/10/2011      |
| Fonophos   | EPA 8141                            | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)     | EPA 608.3                           | Extractable Organics        | NELAP              | 1/22/2018      |
| gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)     | EPA 8081                            | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| gamma-Chlordane                                      | EPA 608.3                           | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| gamma-Chlordane                                      | EPA 8081                            | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Gasoline range organics (GRO)                        | EPA 8015                            | Volatile Organics           | NELAP              | 5/4/2015       |
| Hardness   | SM 2340 B                           | Metals,General Chemistry    | NELAP              | 12/8/2006      |
| Heptachlor   | EPA 608.3                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Heptachlor   | EPA 8081                            | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Heptachlor epoxide                                   | EPA 608.3                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Heptachlor epoxide                                   | EPA 8081                            | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Hexachlorobenzene                                    | EPA 625.1                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Hexachlorobenzene                                    | EPA 8081                            | Pesticides-Herbicides-PCB's | NELAP              | 6/19/2020      |
| Hexachlorobenzene                                    | EPA 8270                            | Extractable Organics        | NELAP              | 7/1/2003       |
| Hexachlorobutadiene                                  | EPA 625.1                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Hexachlorobutadiene                                  | EPA 8260                            | Volatile Organics           | NELAP              | 7/1/2003       |
| Hexachlorobutadiene                                  | EPA 8270                            | Extractable Organics        | NELAP              | 7/1/2003       |
| Hexachlorocyclopentadiene                            | EPA 625.1                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Hexachlorocyclopentadiene                            | EPA 8270                            | Extractable Organics        | NELAP              | 7/1/2003       |
| Hexachloroethane                                     | EPA 625.1                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Hexachloroethane                                     | EPA 8270                            | Extractable Organics        | NELAP              | 7/1/2003       |
| Hexachloropropene                                    | EPA 8270                            | Extractable Organics        | NELAP              | 7/1/2003       |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX) | AEL SOP-041 / LC-MS-MS              | Extractable Organics        | NELAP              | 6/19/2020      |
| Ignitability   | EPA 1020                            | General Chemistry           | NELAP              | 6/6/2017       |
| Indeno(1,2,3-cd)pyrene                               | EPA 625.1                           | Extractable Organics        | NELAP              | 1/22/2018      |
| Indeno(1,2,3-cd)pyrene                               | EPA 8270                            | Extractable Organics        | NELAP              | 7/1/2003       |
| Iodomethane (Methyl iodide)                          | EPA 8260                            | Volatile Organics           | NELAP              | 7/1/2003       |
| Iron   | EPA 200.7                           | Metals                      | NELAP              | 4/4/2002       |
| Iron   | EPA 200.8                           | Metals                      | NELAP              | 6/6/2017       |
| Iron   | EPA 6010                            | Metals                      | NELAP              | 7/1/2003       |
| Iron   | EPA 6020                            | Metals                      | NELAP              | 6/6/2017       |
| Iron-(II) (Ferrous Iron)                             | SM 3500-Fe D (18th/19th Ed.)/UV-VIS | Metals                      | NELAP              | 10/26/2009     |

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**Laboratory Scope of Accreditation**

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EPA Lab Code: **FL00949**

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**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                                | Method/Tech | Category                    | Certification Type | Effective Date |
|--|-------------|-----------------------------|--------------------|----------------|
| Isobutyl alcohol (2-Methyl-1-propanol) | EPA 8015    | Volatile Organics           | NELAP              | 7/1/2003       |
| Isobutyl alcohol (2-Methyl-1-propanol) | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Isodrin                                | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Isophorone                             | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Isophorone                             | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Isopropyl alcohol (2-Propanol)         | EPA 8015    | Volatile Organics           | NELAP              | 5/10/2011      |
| Isopropyl alcohol (2-Propanol)         | EPA 8260    | Volatile Organics           | NELAP              | 10/26/2009     |
| Isopropylbenzene                       | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Isosafrole                             | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Kepone                                 | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Lead                                   | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Lead                                   | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Lead                                   | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Lead                                   | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| Lithium                                | EPA 200.7   | Metals                      | NELAP              | 6/6/2017       |
| Lithium                                | EPA 6010    | Metals                      | NELAP              | 6/6/2017       |
| m+p-Xylenes                            | EPA 624.1   | Volatile Organics           | NELAP              | 6/19/2020      |
| m+p-Xylenes                            | EPA 8260    | Volatile Organics           | NELAP              | 4/27/2007      |
| Magnesium                              | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Magnesium                              | EPA 6010    | Metals                      | NELAP              | 7/1/2003       |
| Malathion                              | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Manganese                              | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Manganese                              | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Manganese                              | EPA 6010    | Metals                      | NELAP              | 7/1/2003       |
| Manganese                              | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| MCPA                                   | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| MCPP                                   | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Mercury                                | EPA 1631    | Metals                      | NELAP              | 2/18/2016      |
| Mercury                                | EPA 245.1   | Metals                      | NELAP              | 4/4/2002       |
| Mercury                                | EPA 7470    | Metals                      | NELAP              | 4/4/2002       |
| Merphos                                | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Methacrylonitrile                      | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Methane                                | RSK-175     | Volatile Organics           | NELAP              | 2/18/2016      |
| Methanol                               | EPA 8015    | Volatile Organics           | NELAP              | 7/1/2003       |
| Methapyrilene                          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Methoxychlor                           | EPA 608.3   | Extractable Organics        | NELAP              | 1/22/2018      |

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**E82574**

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**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                                       | Method/Tech | Category                    | Certification Type | Effective Date |
|---|-------------|-----------------------------|--------------------|----------------|
| Methoxychlor                                  | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| Methyl acetate                                | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2018       |
| Methyl bromide (Bromomethane)                 | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Methyl bromide (Bromomethane)                 | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Methyl chloride (Chloromethane)               | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Methyl chloride (Chloromethane)               | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Methyl methacrylate                           | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Methyl methanesulfonate                       | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Methyl parathion (Parathion, methyl)          | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Methyl parathion (Parathion, methyl)          | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| Methyl tert-butyl ether (MTBE)                | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Methyl tert-butyl ether (MTBE)                | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Methyl-2,4,6-trinitrophenylnitramine (tetryl) | EPA 8330    | Extractable Organics        | NELAP              | 5/9/2022       |
| Methylcyclohexane                             | EPA 8260    | Volatile Organics           | NELAP              | 5/10/2011      |
| Methylene chloride                            | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Methylene chloride                            | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Mevinphos                                     | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Mirex   | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 8/3/2012       |
| Molybdenum                                    | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Molybdenum                                    | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Molybdenum                                    | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Molybdenum                                    | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| m-Xylene                                      | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Naphthalene                                   | EPA 624.1   | Volatile Organics           | NELAP              | 1/22/2018      |
| Naphthalene                                   | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Naphthalene                                   | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| Naphthalene                                   | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Butyl alcohol                               | EPA 8015    | Volatile Organics           | NELAP              | 7/1/2003       |
| n-Butylbenzene                                | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2003       |
| n-Decane                                      | EPA 625.1   | Extractable Organics        | NELAP              | 1/22/2018      |
| Nickel  | EPA 200.7   | Metals                      | NELAP              | 4/4/2002       |
| Nickel  | EPA 200.8   | Metals                      | NELAP              | 12/8/2006      |
| Nickel  | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Nickel  | EPA 6020    | Metals                      | NELAP              | 12/8/2006      |
| Nitrate                                       | EPA 300.0   | General Chemistry           | NELAP              | 5/10/2011      |
| Nitrate                                       | EPA 9056    | General Chemistry           | NELAP              | 5/10/2011      |

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**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte  | Method/Tech               | Category                    | Certification Type | Effective Date |
|--|---------------------------|-----------------------------|--------------------|----------------|
| Nitrite  | EPA 300.0                 | General Chemistry           | NELAP              | 5/10/2011      |
| Nitrite  | EPA 9056                  | General Chemistry           | NELAP              | 5/10/2011      |
| Nitrobenzene   | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| Nitrobenzene   | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Nitrobenzene   | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| Nitroglycerin  | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| n-Nitrosodiethylamine                                  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitrosodimethylamine                                 | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| n-Nitrosodimethylamine                                 | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitroso-di-n-butylamine                              | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitrosodi-n-propylamine                              | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| n-Nitrosodi-n-propylamine                              | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitrosodiphenylamine                                 | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| n-Nitrosodiphenylamine                                 | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitrosomethylethylamine                              | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitrosomorpholine                                    | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitrosopiperidine                                    | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Nitrosopyrrolidine                                   | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| n-Octadecane   | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)             | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 6/19/2020      |
| n-Propanol   | EPA 8015                  | Volatile Organics           | NELAP              | 5/4/2015       |
| n-Propylbenzene  | EPA 8260                  | Volatile Organics           | NELAP              | 7/1/2003       |
| o,o,o-Triethyl phosphorothioate                        | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| Oil & Grease   | EPA 1664A                 | General Chemistry           | NELAP              | 4/4/2002       |
| Oil & Grease   | EPA 1664B                 | General Chemistry           | NELAP              | 7/12/2019      |
| Oil Range Organics (ORO)                               | AEL SOP SVOC-040 / GC-FID | Extractable Organics        | NELAP              | 6/19/2020      |
| Organic nitrogen                                       | TKN minus AMMONIA         | General Chemistry           | NELAP              | 10/26/2009     |
| Orthophosphate as P                                    | EPA 300.0                 | General Chemistry           | NELAP              | 5/10/2011      |
| Orthophosphate as P                                    | EPA 9056                  | General Chemistry           | NELAP              | 5/10/2011      |
| Orthophosphate as P                                    | SM 4500-P E               | General Chemistry           | NELAP              | 6/6/2017       |
| o-Toluidine  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| o-Xylene   | EPA 624.1                 | Volatile Organics           | NELAP              | 1/22/2018      |
| o-Xylene   | EPA 8260                  | Volatile Organics           | NELAP              | 4/27/2007      |
| Parathion, ethyl                                       | EPA 8141                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte  | Method/Tech            | Category                                       | Certification Type | Effective Date |
|--|------------------------|--|--------------------|----------------|
| Parathion, ethyl   | EPA 8270               | Extractable Organics                           | NELAP              | 7/1/2003       |
| Pentachlorobenzene   | EPA 8270               | Extractable Organics                           | NELAP              | 7/1/2003       |
| Pentachloroethane  | EPA 8260               | Volatile Organics                              | NELAP              | 7/1/2003       |
| Pentachloronitrobenzene (Quintozene)                               | EPA 8270               | Extractable Organics                           | NELAP              | 7/1/2003       |
| Pentachlorophenol  | EPA 625.1              | Extractable Organics                           | NELAP              | 1/22/2018      |
| Pentachlorophenol  | EPA 8151               | Pesticides-Herbicides-PCB's, Volatile Organics | NELAP              | 12/3/2012      |
| Pentachlorophenol  | EPA 8270               | Extractable Organics                           | NELAP              | 7/1/2003       |
| Pentaerythritoltetranitrate (PETN)                                 | EPA 8330               | Extractable Organics                           | NELAP              | 5/9/2022       |
| Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEEESA)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluoro-3-methoxypropanoic Acid (PFMPA)                          | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluoro-4-methoxybutanoic Acid (PFMBA)                           | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorobutane Sulfonate (PFBS, Perfluorobutane Sulfonic Acid)    | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorobutanoate (PFBA, Perfluorobutanoic Acid)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorodecane sulfonate (PFDS, perfluorodecane sulfonic acid)    | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorodecanoate (PFDA, Perfluorodecanoic Acid)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorododecanoate (PFDoA, Perfluorododecanoic Acid)             | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluoroheptane Sulfonate (PFHpS, Perfluoroheptane Sulfonic Acid) | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluoroheptanoate (PFHpA, Perfluoroheptanoic Acid)               | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorohexane Sulfonic Acid (PFHxS, Perfluorohexane Sulfonate)   | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorohexanoate (PFHxA, Perfluorohexanoic Acid)                 | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorononanesulfonate (PFNS, Perfluorononane sulfonic acid)     | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorononanoate (PFNA, Perfluorononanoic Acid)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorooctane sulfonamide (PFOSA)                                | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorooctane Sulfonic Acid (PFOS, Perfluoro-octane Sulfonate)   | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluoro-octanoate (PFOA, Perfluoro-octanoic Acid)                | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluoropentane Sulfonic Acid (PFPeS, Perfluoropentane Sulfonate) | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluoropentanoate (PFPeA, Perfluoropentanoic Acid)               | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |
| Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)      | AEL SOP-041 / LC-MS-MS | Extractable Organics                           | NELAP              | 6/19/2020      |

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EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte   | Method/Tech               | Category                    | Certification Type | Effective Date |
|---|---------------------------|-----------------------------|--------------------|----------------|
| Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid) | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 6/19/2020      |
| Perfluoroundecanoate (PFUnA, Perfluoroundecanoic Acid)    | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 6/19/2020      |
| pH  | EPA 150.1                 | General Chemistry           | NELAP              | 12/8/2006      |
| pH  | EPA 9040                  | General Chemistry           | NELAP              | 7/1/2003       |
| pH  | SM 4500-H B               | General Chemistry           | NELAP              | 4/27/2007      |
| Phenacetin  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Phenanthrene  | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| Phenanthrene  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Phenol  | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| Phenol  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Phorate   | EPA 8141                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Phorate   | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Phosmet (Imidan)  | EPA 8141                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| p-Isopropyltoluene  | EPA 8260                  | Volatile Organics           | NELAP              | 7/1/2003       |
| Potassium   | EPA 200.7                 | Metals                      | NELAP              | 4/4/2002       |
| Potassium   | EPA 6010                  | Metals                      | NELAP              | 7/1/2003       |
| Prometon  | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Prometryn   | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Pronamide (Kerb)  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Propazine   | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Propionitrile (Ethyl cyanide)                             | EPA 8260                  | Volatile Organics           | NELAP              | 7/1/2003       |
| Propylene Glycol  | EPA 8015                  | Volatile Organics           | NELAP              | 2/18/2016      |
| p-Xylene  | EPA 624.1                 | Volatile Organics           | NELAP              | 1/22/2018      |
| Pyrene  | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| Pyrene  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| Pyridine  | EPA 625.1                 | Extractable Organics        | NELAP              | 1/22/2018      |
| Pyridine  | EPA 8270                  | Extractable Organics        | NELAP              | 7/1/2003       |
| RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)             | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| Residual Range Organics (RRO)                             | AEL SOP SVOC-040 / GC-FID | Extractable Organics        | NELAP              | 6/19/2020      |
| Residue-filterable (TDS)                                  | EPA 160.1                 | General Chemistry           | NELAP              | 4/4/2002       |
| Residue-filterable (TDS)                                  | SM 2540 C                 | General Chemistry           | NELAP              | 2/28/2008      |
| Residue-nonfilterable (TSS)                               | EPA 160.2                 | General Chemistry           | NELAP              | 4/4/2002       |
| Residue-nonfilterable (TSS)                               | SM 2540 D                 | General Chemistry           | NELAP              | 2/28/2008      |
| Residue-settleable  | EPA 160.5                 | General Chemistry           | NELAP              | 1/21/2005      |
| Residue-settleable  | SM 2540 F                 | General Chemistry           | NELAP              | 2/28/2008      |

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EPA Lab Code: **FL00949**

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**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                                  | Method/Tech        | Category                    | Certification Type | Effective Date |
|--|--------------------|-----------------------------|--------------------|----------------|
| Residue-total                            | EPA 160.3          | General Chemistry           | NELAP              | 2/13/2003      |
| Residue-total                            | SM 2540 B          | General Chemistry           | NELAP              | 2/28/2008      |
| Ronnel                                   | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Safrole                                  | EPA 8270           | Extractable Organics        | NELAP              | 7/1/2003       |
| sec-Butylbenzene                         | EPA 8260           | Volatile Organics           | NELAP              | 7/1/2003       |
| Selenium                                 | EPA 200.7          | Metals                      | NELAP              | 4/4/2002       |
| Selenium                                 | EPA 200.8          | Metals                      | NELAP              | 12/8/2006      |
| Selenium                                 | EPA 6010           | Metals                      | NELAP              | 4/4/2002       |
| Selenium                                 | EPA 6020           | Metals                      | NELAP              | 12/8/2006      |
| Silica as SiO2                           | EPA 200.7          | Metals                      | NELAP              | 1/11/2022      |
| Silica as SiO2                           | EPA 6010           | Metals                      | NELAP              | 1/11/2022      |
| Silver                                   | EPA 200.7          | Metals                      | NELAP              | 5/8/2002       |
| Silver                                   | EPA 200.8          | Metals                      | NELAP              | 12/8/2006      |
| Silver                                   | EPA 6010           | Metals                      | NELAP              | 7/1/2003       |
| Silver                                   | EPA 6020           | Metals                      | NELAP              | 12/8/2006      |
| Silvex (2,4,5-TP)                        | EPA 8151           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Simazine                                 | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Simazine                                 | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Sodium                                   | EPA 200.7          | Metals                      | NELAP              | 4/4/2002       |
| Sodium                                   | EPA 6010           | Metals                      | NELAP              | 7/1/2003       |
| Strontium                                | EPA 200.7          | Metals                      | NELAP              | 1/21/2005      |
| Strontium                                | EPA 200.8          | Metals                      | NELAP              | 7/12/2019      |
| Strontium                                | EPA 6010           | Metals                      | NELAP              | 4/30/2008      |
| Strontium                                | EPA 6020           | Metals                      | NELAP              | 7/12/2019      |
| Styrene                                  | EPA 8260           | Volatile Organics           | NELAP              | 7/1/2003       |
| Sulfate                                  | EPA 300.0          | General Chemistry           | NELAP              | 7/18/2011      |
| Sulfate                                  | EPA 9056           | General Chemistry           | NELAP              | 5/10/2011      |
| Sulfide                                  | SM 4500-S D/UV-VIS | General Chemistry           | NELAP              | 6/19/2020      |
| Sulfotep                                 | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Sulfotep                                 | EPA 8270           | Extractable Organics        | NELAP              | 7/1/2003       |
| T-amylmethylether (TAME)                 | EPA 8260           | Volatile Organics           | NELAP              | 10/26/2009     |
| Terbutryn                                | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| tert-Butyl alcohol (2-Methyl-2-propanol) | EPA 8260           | Volatile Organics           | NELAP              | 10/26/2009     |
| tert-Butylbenzene                        | EPA 8260           | Volatile Organics           | NELAP              | 7/1/2003       |
| Tetrachloroethylene (Perchloroethylene)  | EPA 624.1          | Volatile Organics           | NELAP              | 1/22/2018      |
| Tetrachloroethylene (Perchloroethylene)  | EPA 8260           | Volatile Organics           | NELAP              | 7/1/2003       |

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Matrix: **Non-Potable Water**

| Analyte                            | Method/Tech                 | Category                    | Certification Type | Effective Date |
|------------------------------------|-----------------------------|-----------------------------|--------------------|----------------|
| Tetrahydrofuran (THF)              | EPA 8260                    | Volatile Organics           | NELAP              | 6/19/2020      |
| Thallium                           | EPA 200.7                   | Metals                      | NELAP              | 2/13/2003      |
| Thallium                           | EPA 200.8                   | Metals                      | NELAP              | 12/8/2006      |
| Thallium                           | EPA 6010                    | Metals                      | NELAP              | 7/1/2003       |
| Thallium                           | EPA 6020                    | Metals                      | NELAP              | 12/8/2006      |
| Thionazin (Zinophos)               | EPA 8270                    | Extractable Organics        | NELAP              | 7/1/2003       |
| Thorium                            | EPA 200.8                   | Metals                      | NELAP              | 12/8/2006      |
| Tin                                | EPA 200.7                   | Metals                      | NELAP              | 1/21/2005      |
| Tin                                | EPA 200.8                   | Metals                      | NELAP              | 7/12/2019      |
| Tin                                | EPA 6010                    | Metals                      | NELAP              | 7/1/2003       |
| Tin                                | EPA 6020                    | Metals                      | NELAP              | 7/1/2018       |
| Titanium                           | EPA 200.7                   | Metals                      | NELAP              | 1/21/2005      |
| Titanium                           | EPA 200.8                   | Metals                      | NELAP              | 7/12/2019      |
| Titanium                           | EPA 6010                    | Metals                      | NELAP              | 4/30/2008      |
| Titanium                           | EPA 6020                    | Metals                      | NELAP              | 7/1/2018       |
| Toluene                            | EPA 624.1                   | Volatile Organics           | NELAP              | 1/22/2018      |
| Toluene                            | EPA 8260                    | Volatile Organics           | NELAP              | 7/1/2003       |
| Total coliforms                    | SM 9222 B                   | Microbiology                | NELAP              | 7/12/2002      |
| Total coliforms                    | SM 9223 B /QUANTI-TRAY      | Microbiology                | NELAP              | 5/9/2022       |
| Total hardness as CaCO3            | SM 2340 B                   | General Chemistry           | NELAP              | 4/30/2008      |
| Total nitrate-nitrite              | EPA 300.0                   | General Chemistry           | NELAP              | 5/10/2011      |
| Total nitrate-nitrite              | EPA 9056                    | General Chemistry           | NELAP              | 5/10/2011      |
| Total Nitrogen                     | TKN + Total Nitrate-Nitrite | General Chemistry           | NELAP              | 10/26/2009     |
| Total organic carbon               | EPA 415.1                   | General Chemistry           | NELAP              | 5/9/2022       |
| Total organic carbon               | SM 5310 C                   | General Chemistry           | NELAP              | 5/9/2022       |
| Total organic halides (TOX)        | EPA 9020                    | General Chemistry           | NELAP              | 7/1/2018       |
| Total Petroleum Hydrocarbons (TPH) | EPA 1664A                   | General Chemistry           | NELAP              | 4/4/2002       |
| Total Petroleum Hydrocarbons (TPH) | EPA 1664B                   | General Chemistry           | NELAP              | 9/2/2021       |
| Total Petroleum Hydrocarbons (TPH) | FL-PRO                      | Extractable Organics        | NELAP              | 7/1/2003       |
| Total residual chlorine            | SM 4500-Cl G                | General Chemistry           | NELAP              | 7/1/2018       |
| Toxaphene (Chlorinated camphene)   | EPA 608.3                   | Extractable Organics        | NELAP              | 1/22/2018      |
| Toxaphene (Chlorinated camphene)   | EPA 8081                    | Pesticides-Herbicides-PCB's | NELAP              | 7/1/2003       |
| trans-1,2-Dichloroethylene         | EPA 624.1                   | Volatile Organics           | NELAP              | 1/22/2018      |
| trans-1,2-Dichloroethylene         | EPA 8260                    | Volatile Organics           | NELAP              | 7/1/2003       |
| trans-1,3-Dichloropropene          | EPA 624.1                   | Volatile Organics           | NELAP              | 1/22/2018      |
| trans-1,3-Dichloropropene          | EPA 8260                    | Volatile Organics           | NELAP              | 7/1/2003       |

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**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Non-Potable Water**

| Analyte                             | Method/Tech | Category          | Certification Type | Effective Date |
|-------------------------------------|-------------|-------------------|--------------------|----------------|
| trans-1,4-Dichloro-2-butene         | EPA 8260    | Volatile Organics | NELAP              | 7/1/2003       |
| Trichloroethene (Trichloroethylene) | EPA 624.1   | Volatile Organics | NELAP              | 1/22/2018      |
| Trichloroethene (Trichloroethylene) | EPA 8260    | Volatile Organics | NELAP              | 7/1/2003       |
| Trichlorofluoromethane              | EPA 624.1   | Volatile Organics | NELAP              | 1/22/2018      |
| Trichlorofluoromethane              | EPA 8260    | Volatile Organics | NELAP              | 7/1/2003       |
| Turbidity                           | EPA 180.1   | General Chemistry | NELAP              | 2/13/2003      |
| Turbidity                           | SM 2130 B   | General Chemistry | NELAP              | 4/27/2007      |
| Uranium (mass)                      | EPA 200.8   | Metals            | NELAP              | 12/8/2006      |
| Uranium (mass)                      | EPA 6020    | Metals            | NELAP              | 7/1/2018       |
| Vanadium                            | EPA 200.7   | Metals            | NELAP              | 4/4/2002       |
| Vanadium                            | EPA 200.8   | Metals            | NELAP              | 4/16/2013      |
| Vanadium                            | EPA 6010    | Metals            | NELAP              | 7/1/2003       |
| Vanadium                            | EPA 6020    | Metals            | NELAP              | 4/16/2013      |
| Vinyl acetate                       | EPA 8260    | Volatile Organics | NELAP              | 7/1/2003       |
| Vinyl chloride                      | EPA 624.1   | Volatile Organics | NELAP              | 1/22/2018      |
| Vinyl chloride                      | EPA 8260    | Volatile Organics | NELAP              | 7/1/2003       |
| Xylene (total)                      | EPA 624.1   | Volatile Organics | NELAP              | 1/22/2018      |
| Xylene (total)                      | EPA 8260    | Volatile Organics | NELAP              | 7/1/2003       |
| Zinc                                | EPA 200.7   | Metals            | NELAP              | 4/4/2002       |
| Zinc                                | EPA 200.8   | Metals            | NELAP              | 12/8/2006      |
| Zinc                                | EPA 6010    | Metals            | NELAP              | 4/4/2002       |
| Zinc                                | EPA 6020    | Metals            | NELAP              | 12/8/2006      |



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Matrix: **Solid and Chemical Materials**

| Analyte   | Method/Tech            | Category             | Certification Type | Effective Date |
|---|------------------------|----------------------|--------------------|----------------|
| 1,1,1,2-Tetrachloroethane   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,1,1-Trichloroethane   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,1,2,2-Tetrachloroethane   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)                 | EPA 8260               | Volatile Organics    | NELAP              | 5/10/2011      |
| 1,1,2-Trichloroethane   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,1-Dichloroethane  | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,1-Dichloroethylene  | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,1-Dichloropropene   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2,3-Trichlorobenzene  | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2,3-Trichloropropane  | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2,4,5-Tetrachlorobenzene  | EPA 8270               | Extractable Organics | NELAP              | 4/4/2002       |
| 1,2,4-Trichlorobenzene  | EPA 8260               | Volatile Organics    | NELAP              | 7/9/2002       |
| 1,2,4-Trichlorobenzene  | EPA 8270               | Extractable Organics | NELAP              | 10/22/2001     |
| 1,2,4-Trimethylbenzene  | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2-Dibromo-3-chloropropane (DBCP)                                | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2-Dibromoethane (EDB, Ethylene dibromide)                       | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2-Dichlorobenzene   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2-Dichlorobenzene   | EPA 8270               | Extractable Organics | NELAP              | 4/4/2002       |
| 1,2-Dichloroethane  | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2-Dichloropropane   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,2-Diphenylhydrazine   | EPA 8270               | Extractable Organics | NELAP              | 4/17/2002      |
| 1,3,5-Trimethylbenzene  | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,3,5-Trinitrobenzene (1,3,5-TNB)                                 | EPA 8270               | Extractable Organics | NELAP              | 2/13/2003      |
| 1,3,5-Trinitrobenzene (1,3,5-TNB)                                 | EPA 8330               | Extractable Organics | NELAP              | 5/9/2022       |
| 1,3-Dichlorobenzene   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,3-Dichlorobenzene   | EPA 8270               | Extractable Organics | NELAP              | 4/4/2002       |
| 1,3-Dichloropropane   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,3-Dinitrobenzene (1,3-DNB)                                      | EPA 8270               | Extractable Organics | NELAP              | 2/13/2003      |
| 1,3-Dinitrobenzene (1,3-DNB)                                      | EPA 8330               | Extractable Organics | NELAP              | 5/9/2022       |
| 1,4-Dichlorobenzene   | EPA 8260               | Volatile Organics    | NELAP              | 4/4/2002       |
| 1,4-Dichlorobenzene   | EPA 8270               | Extractable Organics | NELAP              | 4/4/2002       |
| 1,4-Dioxane (1,4-Diethyleneoxide)                                 | EPA 8260               | Volatile Organics    | NELAP              | 5/10/2011      |
| 1,4-Naphthoquinone  | EPA 8270               | Extractable Organics | NELAP              | 2/13/2003      |
| 1,4-Phenylenediamine  | EPA 8270               | Extractable Organics | NELAP              | 2/13/2003      |
| 11-Chloroicosafluoro-3-oxaundecane-1-sulfonic Acid (11-CIPF3OUdS) | AEL SOP-041 / LC-MS-MS | Extractable Organics | NELAP              | 11/10/2020     |
| 1-Chloronaphthalene   | EPA 8270               | Extractable Organics | NELAP              | 4/4/2002       |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.  
6681 Southpoint Parkway  
Jacksonville, FL 32216**

Matrix: **Solid and Chemical Materials**

| Analyte   | Method/Tech            | Category                    | Certification Type | Effective Date |
|---|------------------------|-----------------------------|--------------------|----------------|
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 Fluorotelomersulfonate, 8:2 FTS)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 Fluorotelomersulfonate, 4:2 FTS)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| 1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 Fluorotelomersulfonate, 6:2 FTS)                 | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| 1-Methylnaphthalene   | EPA 8270               | Extractable Organics        | NELAP              | 10/26/2009     |
| 1-Naphthylamine   | EPA 8270               | Extractable Organics        | NELAP              | 4/17/2002      |
| 2-(N-Ethyl-perfluorooctane sulfonamido) acetic acid   | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| 2-(N-Methyl-perfluorooctane sulfonamido) acetic acid  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| 2,2-Dichloropropane   | EPA 8260               | Volatile Organics           | NELAP              | 4/4/2002       |
| 2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,3,4,6-Tetrachlorophenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,4,5-T   | EPA 8151               | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| 2,4,5-Trichlorophenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,4,6-Trichlorophenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,4,6-Trinitrotoluene (2,4,6-TNT)   | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 2,4-D   | EPA 8151               | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| 2,4-DB  | EPA 8151               | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| 2,4-Dichlorophenol  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,4-Dimethylphenol  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,4-Dinitrophenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,4-Dinitrotoluene (2,4-DNT)  | EPA 8270               | Extractable Organics        | NELAP              | 10/22/2001     |
| 2,6-Dichlorophenol  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2,6-Dinitrotoluene (2,6-DNT)  | EPA 8270               | Extractable Organics        | NELAP              | 8/28/2015      |
| 2-Acetylaminofluorene   | EPA 8270               | Extractable Organics        | NELAP              | 2/13/2003      |
| 2-Amino-4,6-dinitrotoluene (2-am-dnt)   | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 2-Butanone (Methyl ethyl ketone, MEK)   | EPA 8260               | Volatile Organics           | NELAP              | 4/17/2002      |
| 2-Chloroethyl vinyl ether   | EPA 8260               | Volatile Organics           | NELAP              | 4/4/2002       |
| 2-Chloronaphthalene   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2-Chlorophenol  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2-Chlorotoluene   | EPA 8260               | Volatile Organics           | NELAP              | 2/13/2003      |
| 2-Ethoxyethanol (Ethyl Cellusolve)  | EPA 8015               | Volatile Organics           | NELAP              | 7/12/2019      |
| 2-Hexanone  | EPA 8260               | Volatile Organics           | NELAP              | 4/4/2002       |
| 2-Methyl-4,6-dinitrophenol  | EPA 8270               | Extractable Organics        | NELAP              | 2/13/2003      |
| 2-Methylnaphthalene   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2-Methylphenol (o-Cresol)   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |

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**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Solid and Chemical Materials**

| Analyte   | Method/Tech            | Category                    | Certification Type | Effective Date |
|---|------------------------|-----------------------------|--------------------|----------------|
| 2-Naphthylamine   | EPA 8270               | Extractable Organics        | NELAP              | 4/17/2002      |
| 2-Nitroaniline  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2-Nitrophenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 2-Nitropropane  | EPA 8260               | Volatile Organics           | NELAP              | 2/13/2003      |
| 2-Nitrotoluene  | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 2-Picoline (2-Methylpyridine)                                   | EPA 8270               | Extractable Organics        | NELAP              | 4/17/2002      |
| 3,3'-Dichlorobenzidine  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 3,3'-Dimethoxybenzidine   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 3,3'-Dimethylbenzidine  | EPA 8270               | Extractable Organics        | NELAP              | 2/13/2003      |
| 3,5-Dinitroaniline  | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 3/4-Methylphenols (m/p-Cresols)                                 | EPA 8270               | Extractable Organics        | NELAP              | 4/27/2007      |
| 3-Methylcholanthrene  | EPA 8270               | Extractable Organics        | NELAP              | 4/17/2002      |
| 3-Nitroaniline  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 3-Nitrotoluene  | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 4,4'-DDD  | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| 4,4'-DDE  | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| 4,4'-DDT  | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| 4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)                     | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| 4-Amino-2,6-dinitrotoluene (4-am-dnt)                           | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 4-Aminobiphenyl   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 4-Bromophenyl phenyl ether                                      | EPA 8270               | Extractable Organics        | NELAP              | 10/22/2001     |
| 4-Chloro-3-methylphenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 4-Chloroaniline   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 4-Chlorophenyl phenylether                                      | EPA 8270               | Extractable Organics        | NELAP              | 10/22/2001     |
| 4-Chlorotoluene   | EPA 8260               | Volatile Organics           | NELAP              | 2/13/2003      |
| 4-Dimethyl aminoazobenzene                                      | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 4-Methyl-2-pentanone (MIBK)                                     | EPA 8260               | Volatile Organics           | NELAP              | 4/17/2002      |
| 4-Nitroaniline  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 4-Nitrophenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| 4-Nitroquinoline 1-oxide  | EPA 8270               | Extractable Organics        | NELAP              | 2/13/2003      |
| 4-Nitrotoluene  | EPA 8330               | Extractable Organics        | NELAP              | 5/9/2022       |
| 5-Nitro-o-toluidine   | EPA 8270               | Extractable Organics        | NELAP              | 2/13/2003      |
| 7,12-Dimethylbenz(a) anthracene                                 | EPA 8270               | Extractable Organics        | NELAP              | 4/17/2002      |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-CIPF3ONS) | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| a,a-Dimethylphenethylamine                                      | EPA 8270               | Extractable Organics        | NELAP              | 4/17/2002      |
| Acenaphthene  | EPA 8270               | Extractable Organics        | NELAP              | 10/22/2001     |

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Matrix: **Solid and Chemical Materials**

| Analyte                                 | Method/Tech | Category                    | Certification Type | Effective Date |
|---|-------------|-----------------------------|--------------------|----------------|
| Acenaphthylene                          | EPA 8270    | Extractable Organics        | NELAP              | 10/22/2001     |
| Acetone                                 | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Acetonitrile                            | EPA 8260    | Volatile Organics           | NELAP              | 2/13/2003      |
| Acetophenone                            | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Acrolein (Propenal)                     | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Acrylonitrile                           | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Aldrin                                  | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Allyl chloride (3-Chloropropene)        | EPA 8260    | Volatile Organics           | NELAP              | 2/13/2003      |
| alpha-BHC (alpha-Hexachlorocyclohexane) | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| alpha-Chlordane                         | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Aluminum                                | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Ametryn                                 | EPA 8270    | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Aniline                                 | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Anthracene                              | EPA 8270    | Extractable Organics        | NELAP              | 10/22/2001     |
| Antimony                                | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Antimony                                | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| Aramite                                 | EPA 8270    | Extractable Organics        | NELAP              | 2/13/2003      |
| Aroclor-1016 (PCB-1016)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Aroclor-1221 (PCB-1221)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 7/9/2002       |
| Aroclor-1232 (PCB-1232)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Aroclor-1242 (PCB-1242)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Aroclor-1248 (PCB-1248)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Aroclor-1254 (PCB-1254)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Aroclor-1260 (PCB-1260)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Aroclor-1262 (PCB-1262)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 5/10/2011      |
| Aroclor-1268 (PCB-1268)                 | EPA 8082    | Pesticides-Herbicides-PCB's | NELAP              | 5/10/2011      |
| Arsenic                                 | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Arsenic                                 | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| Atrazine                                | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Atrazine                                | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| Azinphos-methyl (Guthion)               | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Barium                                  | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Barium                                  | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| Benzaldehyde                            | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| Benzene                                 | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Benzidine                               | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |

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**Jacksonville, FL 32216**

Matrix: **Solid and Chemical Materials**

| Analyte                               | Method/Tech | Category                    | Certification Type | Effective Date |
|---------------------------------------|-------------|-----------------------------|--------------------|----------------|
| Benzo(a)anthracene                    | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Benzo(a)pyrene                        | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Benzo(b)fluoranthene                  | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Benzo(g,h,i)perylene                  | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Benzo(k)fluoranthene                  | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Benzoic acid                          | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Benzyl alcohol                        | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Beryllium                             | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Beryllium                             | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| beta-BHC (beta-Hexachlorocyclohexane) | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Biphenyl (1,1-Biphenyl, BZ 0)         | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| bis(2-Chloroethoxy)methane            | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| bis(2-Chloroethyl) ether              | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Boron                                 | EPA 6010    | Metals                      | NELAP              | 1/21/2005      |
| Bromide                               | EPA 9056    | Metals                      | NELAP              | 6/19/2020      |
| Bromobenzene                          | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Bromochloromethane                    | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Bromodichloromethane                  | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Bromoform                             | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Butyl benzyl phthalate                | EPA 8270    | Extractable Organics        | NELAP              | 4/4/2002       |
| Cadmium                               | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Cadmium                               | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| Calcium                               | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Caprolactam                           | EPA 8270    | Extractable Organics        | NELAP              | 7/1/2018       |
| Carbazole                             | EPA 8270    | Extractable Organics        | NELAP              | 4/17/2002      |
| Carbon disulfide                      | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Carbon tetrachloride                  | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Chlordane (tech.)                     | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Chloride                              | EPA 300.0   | General Chemistry           | NELAP              | 7/12/2019      |
| Chloride                              | EPA 9056    | General Chemistry           | NELAP              | 5/10/2011      |
| Chlorobenzene                         | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Chlorobenzilate                       | EPA 8270    | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Chloroethane                          | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Chloroform                            | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Chloroprene                           | EPA 8260    | Volatile Organics           | NELAP              | 2/13/2003      |
| Chlorpyrifos                          | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |

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Matrix: **Solid and Chemical Materials**

| Analyte                           | Method/Tech        | Category                    | Certification Type | Effective Date |
|-----------------------------------|--------------------|-----------------------------|--------------------|----------------|
| Chlorpyrifos methyl               | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Chromium                          | EPA 6010           | Metals                      | NELAP              | 4/4/2002       |
| Chromium                          | EPA 6020           | Metals                      | NELAP              | 4/27/2007      |
| Chrysene                          | EPA 8270           | Extractable Organics        | NELAP              | 4/4/2002       |
| cis-1,2-Dichloroethylene          | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| cis-1,3-Dichloropropene           | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| cis-1,4-Dichloro-2-butene         | EPA 8260           | Volatile Organics           | NELAP              | 2/13/2003      |
| Cobalt                            | EPA 6010           | Metals                      | NELAP              | 4/4/2002       |
| Cobalt                            | EPA 6020           | Metals                      | NELAP              | 4/27/2007      |
| Conductivity                      | EPA 9050           | General Chemistry           | NELAP              | 2/13/2003      |
| Copper                            | EPA 6010           | Metals                      | NELAP              | 4/4/2002       |
| Copper                            | EPA 6020           | Metals                      | NELAP              | 4/27/2007      |
| Corrosivity (pH)                  | EPA 9040           | General Chemistry           | NELAP              | 2/13/2003      |
| Cyclohexane                       | EPA 8260           | Volatile Organics           | NELAP              | 10/26/2009     |
| Cyclohexanone                     | EPA 8260           | Volatile Organics           | NELAP              | 7/1/2018       |
| Dalapon                           | EPA 8151           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| delta-BHC                         | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 1/8/2003       |
| Demeton                           | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Demeton-o                         | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Demeton-s                         | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Di(2-ethylhexyl) phthalate (DEHP) | EPA 8270           | Extractable Organics        | NELAP              | 10/22/2001     |
| Diallate                          | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Diazinon                          | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dibenz(a,h)anthracene             | EPA 8270           | Extractable Organics        | NELAP              | 4/4/2002       |
| Dibenz(a,j)acridine               | EPA 8270           | Extractable Organics        | NELAP              | 4/4/2002       |
| Dibenzofuran                      | EPA 8270           | Extractable Organics        | NELAP              | 4/17/2002      |
| Dibromochloromethane              | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Dibromomethane                    | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Dicamba                           | EPA 8151           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dichlorodifluoromethane           | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Dichloroprop (Dichlorprop)        | EPA 8151           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dieldrin                          | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Diesel range organics (DRO)       | EPA 8015           | Extractable Organics        | NELAP              | 7/1/2018       |
| Diesel range organics (DRO)       | MADEP-EPH (MA-EPH) | Extractable Organics        | NELAP              | 5/4/2015       |
| Diethyl ether                     | EPA 8260           | Volatile Organics           | NELAP              | 5/10/2011      |
| Diethyl phthalate                 | EPA 8270           | Extractable Organics        | NELAP              | 10/22/2001     |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Solid and Chemical Materials**

| Analyte                                       | Method/Tech        | Category                    | Certification Type | Effective Date |
|---|--------------------|-----------------------------|--------------------|----------------|
| Di-isopropylether (DIPE)                      | EPA 8260           | Volatile Organics           | NELAP              | 10/26/2009     |
| Dimethoate                                    | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dimethoate                                    | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Dimethyl phthalate                            | EPA 8270           | Extractable Organics        | NELAP              | 4/4/2002       |
| Di-n-butyl phthalate                          | EPA 8270           | Extractable Organics        | NELAP              | 10/22/2001     |
| Di-n-octyl phthalate                          | EPA 8270           | Extractable Organics        | NELAP              | 4/4/2002       |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | EPA 8151           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP) | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Diphenylamine                                 | EPA 8270           | Extractable Organics        | NELAP              | 2/13/2003      |
| Disulfoton                                    | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Disulfoton                                    | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Endosulfan I                                  | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Endosulfan II                                 | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Endosulfan sulfate                            | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Endrin  | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Endrin aldehyde                               | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 7/9/2002       |
| Endrin ketone                                 | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| EPH Aliphatic C19-C36                         | MADEP-EPH (MA-EPH) | Extractable Organics        | NELAP              | 6/19/2020      |
| EPH Aliphatic C9-C18                          | MADEP-EPH (MA-EPH) | Extractable Organics        | NELAP              | 6/19/2020      |
| EPH Aromatic C11-C22                          | MADEP-EPH (MA-EPH) | Extractable Organics        | NELAP              | 6/19/2020      |
| Ethanol                                       | EPA 8015           | Volatile Organics           | NELAP              | 5/10/2011      |
| Ethanol                                       | EPA 8260           | Volatile Organics           | NELAP              | 8/3/2012       |
| Ethion  | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Ethoprop                                      | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Ethyl acetate                                 | EPA 8260           | Volatile Organics           | NELAP              | 2/13/2003      |
| Ethyl methacrylate                            | EPA 8260           | Volatile Organics           | NELAP              | 2/13/2003      |
| Ethyl methanesulfonate                        | EPA 8270           | Extractable Organics        | NELAP              | 4/17/2002      |
| Ethylbenzene                                  | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Ethylene glycol                               | EPA 8015           | Volatile Organics           | NELAP              | 10/26/2009     |
| Ethyl-t-butylether (ETBE)                     | EPA 8260           | Volatile Organics           | NELAP              | 10/26/2009     |
| Extractable organic halides (EOX)             | EPA 9023           | General Chemistry           | NELAP              | 7/1/2018       |
| Famphur                                       | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Famphur                                       | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Fecal coliforms                               | SM 9222 D          | Microbiology                | NELAP              | 5/10/2011      |
| Fensulfothion                                 | EPA 8141           | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Fluoranthene                                  | EPA 8270           | Extractable Organics        | NELAP              | 7/9/2002       |

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**E82574**

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**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Solid and Chemical Materials**

| Analyte   | Method/Tech            | Category                    | Certification Type | Effective Date |
|---|------------------------|-----------------------------|--------------------|----------------|
| Fluorene  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| Fluoride  | EPA 300.0              | General Chemistry           | NELAP              | 7/12/2019      |
| Fluoride  | EPA 9056               | General Chemistry           | NELAP              | 5/10/2011      |
| Fonophos  | EPA 8141               | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| gamma-BHC (Lindane,<br>gamma-Hexachlorocyclohexane)     | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| gamma-Chlordane   | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Gasoline range organics (GRO)                           | EPA 8015               | Volatile Organics           | NELAP              | 5/4/2015       |
| Gasoline range organics (GRO)                           | MADEP-VPH (MA-VPH)     | Volatile Organics           | NELAP              | 5/4/2015       |
| Heptachlor  | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Heptachlor epoxide                                      | EPA 8081               | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Hexachlorobenzene                                       | EPA 8270               | Extractable Organics        | NELAP              | 10/22/2001     |
| Hexachlorobutadiene                                     | EPA 8260               | Volatile Organics           | NELAP              | 4/4/2002       |
| Hexachlorobutadiene                                     | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| Hexachlorocyclopentadiene                               | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| Hexachloroethane  | EPA 8270               | Extractable Organics        | NELAP              | 10/22/2001     |
| Hexachloropropene                                       | EPA 8270               | Extractable Organics        | NELAP              | 2/13/2003      |
| Hexafluoropropylene Oxide Dimer Acid<br>(HFPO-DA, GenX) | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Ignitability  | EPA 1020               | General Chemistry           | NELAP              | 6/6/2017       |
| Ignitability  | EPA 1030               | General Chemistry           | NELAP              | 6/6/2017       |
| Indeno(1,2,3-cd)pyrene                                  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| Iodomethane (Methyl iodide)                             | EPA 8260               | Volatile Organics           | NELAP              | 4/4/2002       |
| Iron  | EPA 6010               | Metals                      | NELAP              | 4/4/2002       |
| Isobutyl alcohol (2-Methyl-1-propanol)                  | EPA 8015               | Volatile Organics           | NELAP              | 2/13/2003      |
| Isobutyl alcohol (2-Methyl-1-propanol)                  | EPA 8260               | Volatile Organics           | NELAP              | 2/13/2003      |
| Isodrin   | EPA 8270               | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Isophorone  | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| Isopropyl alcohol (2-Propanol)                          | EPA 8015               | Volatile Organics           | NELAP              | 5/10/2011      |
| Isopropyl alcohol (2-Propanol)                          | EPA 8260               | Volatile Organics           | NELAP              | 10/26/2009     |
| Isopropylbenzene  | EPA 8260               | Volatile Organics           | NELAP              | 4/4/2002       |
| Isosafrole  | EPA 8270               | Extractable Organics        | NELAP              | 2/13/2003      |
| Kepone  | EPA 8270               | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Lead  | EPA 6010               | Metals                      | NELAP              | 4/4/2002       |
| Lead  | EPA 6020               | Metals                      | NELAP              | 4/27/2007      |
| m+p-Xylenes   | EPA 8260               | Volatile Organics           | NELAP              | 4/27/2007      |
| Magnesium   | EPA 6010               | Metals                      | NELAP              | 4/4/2002       |

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**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Solid and Chemical Materials**

| Analyte                                       | Method/Tech | Category                    | Certification Type | Effective Date |
|---|-------------|-----------------------------|--------------------|----------------|
| Malathion                                     | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Manganese                                     | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Manganese                                     | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| MCPA  | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| MCPP  | EPA 8151    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Mercury                                       | EPA 7471    | Metals                      | NELAP              | 4/27/2007      |
| Merphos                                       | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Methacrylonitrile                             | EPA 8260    | Volatile Organics           | NELAP              | 2/13/2003      |
| Methanol                                      | EPA 8015    | Volatile Organics           | NELAP              | 2/13/2003      |
| Methapyrilene                                 | EPA 8270    | Extractable Organics        | NELAP              | 2/13/2003      |
| Methoxychlor                                  | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Methyl acetate                                | EPA 8260    | Volatile Organics           | NELAP              | 7/1/2018       |
| Methyl bromide (Bromomethane)                 | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Methyl chloride (Chloromethane)               | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Methyl methacrylate                           | EPA 8260    | Volatile Organics           | NELAP              | 2/13/2003      |
| Methyl methanesulfonate                       | EPA 8270    | Extractable Organics        | NELAP              | 4/17/2002      |
| Methyl parathion (Parathion, methyl)          | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Methyl parathion (Parathion, methyl)          | EPA 8270    | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Methyl tert-butyl ether (MTBE)                | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Methyl-2,4,6-trinitrophenylnitramine (tetryl) | EPA 8330    | Extractable Organics        | NELAP              | 5/9/2022       |
| Methylcyclohexane                             | EPA 8260    | Volatile Organics           | NELAP              | 5/10/2011      |
| Methylene chloride                            | EPA 8260    | Volatile Organics           | NELAP              | 2/13/2003      |
| Mevinphos                                     | EPA 8141    | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Mirex   | EPA 8081    | Pesticides-Herbicides-PCB's | NELAP              | 8/3/2012       |
| Molybdenum                                    | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Molybdenum                                    | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| Naphthalene                                   | EPA 8260    | Volatile Organics           | NELAP              | 4/17/2002      |
| Naphthalene                                   | EPA 8270    | Extractable Organics        | NELAP              | 10/22/2001     |
| n-Butyl alcohol                               | EPA 8015    | Volatile Organics           | NELAP              | 2/13/2003      |
| n-Butylbenzene                                | EPA 8260    | Volatile Organics           | NELAP              | 4/4/2002       |
| Nickel  | EPA 6010    | Metals                      | NELAP              | 4/4/2002       |
| Nickel  | EPA 6020    | Metals                      | NELAP              | 4/27/2007      |
| Nitrate                                       | EPA 9056    | General Chemistry           | NELAP              | 5/10/2011      |
| Nitrate as N                                  | EPA 300.0   | General Chemistry           | NELAP              | 7/12/2019      |
| Nitrite                                       | EPA 9056    | General Chemistry           | NELAP              | 5/10/2011      |
| Nitrite as N                                  | EPA 300.0   | General Chemistry           | NELAP              | 7/12/2019      |

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Matrix: **Solid and Chemical Materials**

| Analyte   | Method/Tech               | Category                    | Certification Type | Effective Date |
|---|---------------------------|-----------------------------|--------------------|----------------|
| Nitrobenzene  | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| Nitroglycerin   | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| n-Nitrosodiethylamine   | EPA 8270                  | Extractable Organics        | NELAP              | 2/13/2003      |
| n-Nitrosodimethylamine  | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| n-Nitroso-di-n-butylamine                                       | EPA 8270                  | Extractable Organics        | NELAP              | 4/17/2002      |
| n-Nitrosodi-n-propylamine                                       | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| n-Nitrosodiphenylamine  | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| n-Nitrosomethylethylamine                                       | EPA 8270                  | Extractable Organics        | NELAP              | 2/13/2003      |
| n-Nitrosomorpholine   | EPA 8270                  | Extractable Organics        | NELAP              | 2/13/2003      |
| n-Nitrosopiperidine   | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| n-Nitrosopyrrolidine  | EPA 8270                  | Extractable Organics        | NELAP              | 2/13/2003      |
| Nonafluoro-3,6-dioxheptanoic Acid (NFDHA)                       | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 11/10/2020     |
| n-Propanol  | EPA 8015                  | Volatile Organics           | NELAP              | 5/4/2015       |
| n-Propylbenzene   | EPA 8260                  | Volatile Organics           | NELAP              | 4/4/2002       |
| o,o,o-Triethyl phosphorothioate                                 | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)          | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| Oil Range Organics (ORO)  | AEL SOP SVOC-040 / GC-FID | Extractable Organics        | NELAP              | 6/19/2020      |
| Orthophosphate as P   | EPA 300.0                 | General Chemistry           | NELAP              | 7/12/2019      |
| Orthophosphate as P   | EPA 9056                  | General Chemistry           | NELAP              | 5/10/2011      |
| o-Toluidine   | EPA 8270                  | Extractable Organics        | NELAP              | 2/13/2003      |
| o-Xylene  | EPA 8260                  | Extractable Organics        | NELAP              | 4/27/2007      |
| Paint Filter Liquids  | EPA 9095                  | General Chemistry           | NELAP              | 2/13/2003      |
| Parathion, ethyl  | EPA 8141                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Parathion, ethyl  | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Pentachlorobenzene  | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| Pentachloroethane   | EPA 8260                  | Volatile Organics           | NELAP              | 2/13/2003      |
| Pentachloronitrobenzene (Quintozene)                            | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| Pentachlorophenol   | EPA 8151                  | Pesticides-Herbicides-PCB's | NELAP              | 3/6/2014       |
| Pentachlorophenol   | EPA 8270                  | Extractable Organics        | NELAP              | 4/4/2002       |
| Pentaerythritoltetranitrate (PETN)                              | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEESA)                | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoro-3-methoxypropanoic Acid (PFMPA)                       | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoro-4-methoxybutanoic Acid (PFMBA)                        | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorobutane Sulfonate (PFBS, Perfluorobutane Sulfonic Acid) | AEL SOP-041 / LC-MS-MS    | Extractable Organics        | NELAP              | 11/10/2020     |

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Matrix: **Solid and Chemical Materials**

| Analyte  | Method/Tech            | Category                    | Certification Type | Effective Date |
|--|------------------------|-----------------------------|--------------------|----------------|
| Perfluorobutanoate (PFBA, Perfluorobutanoic Acid)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorodecane sulfonate (PFDS, perfluorodecane sulfonic acid)    | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorodecanoate (PFDA, Perfluorodecanoic Acid)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorododecanoate (PFDoA, Pefluorododecanoic Acid)              | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoroheptane Sulfonate (PFHpS, Perfluoroheptane Sulfonic Acid) | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoroheptanoate (PFHpA, Perfluoroheptanoic Acid)               | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorohexane Sulfonic Acid (PFHxS, Perfluorohexane Sulfonate)   | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorohexanoate (PFHxA, Perfluorohexanoic Acid)                 | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorononanesulfonate (PFNS, Perfluorononane sulfonic acid)     | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorononanoate (PFNA, Perfluorononanoic Acid)                  | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorooctane sulfonamide (PFOSA)                                | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorooctane Sulfonic Acid (PFOS, Perfluoro-octane Sulfonate)   | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoro-octanoate (PFOA, Perfluoro-octanoic Acid)                | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoropentane Sulfonic Acid (PFPeS, Perfluoropentane Sulfonate) | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoropentanoate (PFPeA, Perfluoropentanoic Acid)               | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)      | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)          | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| Perfluoroundecanoate (PFUnA, Perfluoroundecanoic Acid)             | AEL SOP-041 / LC-MS-MS | Extractable Organics        | NELAP              | 11/10/2020     |
| pH   | EPA 9040               | General Chemistry           | NELAP              | 2/13/2003      |
| pH   | EPA 9045               | General Chemistry           | NELAP              | 2/13/2003      |
| Phenacetin   | EPA 8270               | Extractable Organics        | NELAP              | 4/17/2002      |
| Phenanthrene   | EPA 8270               | Extractable Organics        | NELAP              | 10/22/2001     |
| Phenol   | EPA 8270               | Extractable Organics        | NELAP              | 4/4/2002       |
| Phorate  | EPA 8141               | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Phorate  | EPA 8270               | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Phosmet (Imidan)   | EPA 8141               | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| p-Isopropyltoluene   | EPA 8260               | Volatile Organics           | NELAP              | 4/17/2002      |
| Potassium  | EPA 6010               | Metals                      | NELAP              | 4/4/2002       |
| Prometon   | EPA 8270               | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |

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**Attachment to Certificate #: E82574-76, expiration date June 30, 2023. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E82574**

EPA Lab Code: **FL00949**

**(904) 363-9350**

**E82574**

**Advanced Environmental Laboratories, Inc.**

**6681 Southpoint Parkway**

**Jacksonville, FL 32216**

Matrix: **Solid and Chemical Materials**

| Analyte   | Method/Tech               | Category                    | Certification Type | Effective Date |
|---|---------------------------|-----------------------------|--------------------|----------------|
| Prometryn   | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Pronamide (Kerb)                                  | EPA 8270                  | Extractable Organics        | NELAP              | 4/17/2002      |
| Propazine   | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Propionitrile (Ethyl cyanide)                     | EPA 8260                  | Volatile Organics           | NELAP              | 2/13/2003      |
| Propylene Glycol                                  | EPA 8015                  | Volatile Organics           | NELAP              | 2/18/2016      |
| Pyrene  | EPA 8270                  | Extractable Organics        | NELAP              | 10/22/2001     |
| Pyridine  | EPA 8270                  | Extractable Organics        | NELAP              | 4/17/2002      |
| RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)     | EPA 8330                  | Extractable Organics        | NELAP              | 5/9/2022       |
| Residual Range Organics (RRO)                     | AEL SOP SVOC-040 / GC-FID | Extractable Organics        | NELAP              | 6/19/2020      |
| Residue-total                                     | SM 2540 G                 | General Chemistry           | NELAP              | 4/30/2008      |
| Ronnel  | EPA 8141                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Safrole   | EPA 8270                  | Extractable Organics        | NELAP              | 2/13/2003      |
| sec-Butylbenzene                                  | EPA 8260                  | Volatile Organics           | NELAP              | 4/4/2002       |
| Selenium  | EPA 6010                  | Metals                      | NELAP              | 4/4/2002       |
| Selenium  | EPA 6020                  | Metals                      | NELAP              | 4/27/2007      |
| Silver  | EPA 6010                  | Metals                      | NELAP              | 4/4/2002       |
| Silver  | EPA 6020                  | Metals                      | NELAP              | 4/27/2007      |
| Silvex (2,4,5-TP)                                 | EPA 8151                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Simazine  | EPA 8141                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Simazine  | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| Sodium  | EPA 6010                  | Metals                      | NELAP              | 4/4/2002       |
| Strontium   | EPA 6010                  | Metals                      | NELAP              | 9/16/2008      |
| Strontium   | EPA 6020                  | Metals                      | NELAP              | 4/27/2007      |
| Styrene   | EPA 8260                  | Volatile Organics           | NELAP              | 4/4/2002       |
| Sulfate   | EPA 300.0                 | General Chemistry           | NELAP              | 7/12/2019      |
| Sulfate   | EPA 9056                  | General Chemistry           | NELAP              | 5/10/2011      |
| Sulfotepp   | EPA 8141                  | Pesticides-Herbicides-PCB's | NELAP              | 10/26/2009     |
| Sulfotepp   | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Synthetic Precipitation Leaching Procedure (SPLP) | EPA 1312                  | General Chemistry           | NELAP              | 4/4/2002       |
| T-amylmethylether (TAME)                          | EPA 8260                  | Volatile Organics           | NELAP              | 10/26/2009     |
| Terbutryn   | EPA 8270                  | Pesticides-Herbicides-PCB's | NELAP              | 7/12/2019      |
| tert-Butyl alcohol (2-Methyl-2-propanol)          | EPA 8260                  | Volatile Organics           | NELAP              | 10/26/2009     |
| tert-Butylbenzene                                 | EPA 8260                  | Volatile Organics           | NELAP              | 4/4/2002       |
| Tetrachloroethylene (Perchloroethylene)           | EPA 8260                  | Volatile Organics           | NELAP              | 4/4/2002       |
| Tetrahydrofuran (THF)                             | EPA 8260                  | Extractable Organics        | NELAP              | 6/19/2020      |

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**Issue Date: 7/1/2022**

**Expiration Date: 6/30/2023**



**Laboratory Scope of Accreditation**

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Matrix: **Solid and Chemical Materials**

| Analyte   | Method/Tech        | Category                    | Certification Type | Effective Date |
|---|--------------------|-----------------------------|--------------------|----------------|
| Thallium  | EPA 6010           | Metals                      | NELAP              | 4/4/2002       |
| Thallium  | EPA 6020           | Metals                      | NELAP              | 4/27/2007      |
| Thionazin (Zinophos)                              | EPA 8270           | Pesticides-Herbicides-PCB's | NELAP              | 2/13/2003      |
| Tin   | EPA 6010           | Metals                      | NELAP              | 2/13/2003      |
| Tin   | EPA 6020           | Metals                      | NELAP              | 4/27/2007      |
| Titanium  | EPA 6010           | Metals                      | NELAP              | 7/1/2018       |
| Titanium  | EPA 6020           | Metals                      | NELAP              | 4/27/2007      |
| Toluene   | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Total nitrate-nitrite                             | EPA 300.0          | General Chemistry           | NELAP              | 7/12/2019      |
| Total nitrate-nitrite                             | EPA 9056           | General Chemistry           | NELAP              | 5/10/2011      |
| Total organic carbon                              | EPA 9060           | General Chemistry           | NELAP              | 5/9/2022       |
| Total Petroleum Hydrocarbons (TPH)                | FL-PRO             | Extractable Organics        | NELAP              | 4/17/2002      |
| Toxaphene (Chlorinated camphene)                  | EPA 8081           | Pesticides-Herbicides-PCB's | NELAP              | 4/4/2002       |
| Toxicity Characteristic Leaching Procedure (TCLP) | EPA 1311           | General Chemistry           | NELAP              | 4/4/2002       |
| trans-1,2-Dichloroethylene                        | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| trans-1,3-Dichloropropene                         | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| trans-1,4-Dichloro-2-butene                       | EPA 8260           | Volatile Organics           | NELAP              | 2/13/2003      |
| Trichloroethene (Trichloroethylene)               | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Trichlorofluoromethane                            | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Vanadium  | EPA 6010           | Metals                      | NELAP              | 4/4/2002       |
| Vanadium  | EPA 6020           | Metals                      | NELAP              | 9/17/2012      |
| Vinyl acetate                                     | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Vinyl chloride                                    | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| VPH Aliphatic C5-C8                               | MADEP-VPH (MA-VPH) | Volatile Organics           | NELAP              | 6/19/2020      |
| VPH Aliphatic C9-C12                              | MADEP-VPH (MA-VPH) | Volatile Organics           | NELAP              | 6/19/2020      |
| VPH Aromatic C9-C10                               | MADEP-VPH (MA-VPH) | Volatile Organics           | NELAP              | 6/19/2020      |
| Xylene (total)                                    | EPA 8260           | Volatile Organics           | NELAP              | 4/4/2002       |
| Zinc  | EPA 6010           | Metals                      | NELAP              | 4/4/2002       |
| Zinc  | EPA 6020           | Metals                      | NELAP              | 4/27/2007      |

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