



GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

David B. Dove, Interim Director

Watershed Protection Branch

2 Martin Luther King, Jr. Drive
Suite 1470A, East Tower
Atlanta, Georgia 30334
404-463-1511

Mr. Jason Gebhardt, Laboratory Director
Advanced Environmental Laboratories, Inc.
6681 Southpoint Parkway
Jacksonville, FL, 32216

JUL 05 2023

RE: Certification by Reciprocity
Advanced Environmental Laboratories, Inc.
Georgia ID #C054

Dear Mr. Gebhardt:

The Georgia Department of Natural Resources, Environmental Protection Division (EPD) is in receipt of all required data necessary to fulfill your laboratory's request for Certification by Reciprocity in Georgia for the analysis of the parameters listed in the attached certificate. Therefore, in accordance with the Georgia Safe Drinking Water Act of 1977 (Sections 12-5-170 through 12-5-193, O.C.G.A.) and the Rules for Safe Drinking Water (Chapter 391-3-5), this certification is valid until June 30, 2024. This certificate is contingent upon continued Certification by the State of Florida and is non-transferable. This certificate is also contingent upon continued acceptable semi-annual Proficiency Testing results.

If Advanced Environmental Laboratories, Inc.'s certification status is downgraded for any analyte/method by your Primary Accrediting Agency, the GA Certification Program must be notified. Any downgrade will result in the withdrawal of reciprocity for that analyte.

Prior to the expiration of this certification, please contact your accrediting/certifying authority and request that the following information be forwarded to Griffin Hughes at griffin.hughes@dnr.ga.gov.

1. Copies of the most current on-site report and accepted corrective actions
2. Copies of the Certificate and scope of accreditation listing analytes

For additional information please feel free to contact Griffin Hughes at 470-524-7499.

Sincerely,

Griffin Hughes
Laboratory Certification Officer
Drinking Water Compliance Unit

Sean Earley
Program Manager
Drinking Water Compliance Unit

Advanced Environmental Laboratories (GA ID# C054)
 6681 Southpoint Parkway, Jacksonville, FL 32216
 Effective July 1, 2023 - June 30, 2024

ANALYTE	CERTIFIED/ ACCREDITED BY	EPA APPROVED METHOD
INORGANIC CHEMICALS		
Antimony	FL-DOH	200.8
Arsenic	FL-DOH	200.8
Barium	FL-DOH	200.7, 200.8
Beryllium	FL-DOH	200.7, 200.8
Cadmium	FL-DOH	200.7, 200.8
Chromium	FL-DOH	200.7, 200.8
Copper	FL-DOH	200.7, 200.8
Fluoride	FL-DOH	300.0
Lead	FL-DOH	200.8
Mercury	FL-DOH	245.1, 1631
Nitrate	FL-DOH	300.0
Nitrite	FL-DOH	300.0
Selenium	FL-DOH	200.8
Thallium	FL-DOH	200.8
Total Nitrate + Nitrite	FL-DOH	300.0

ORGANIC CHEMICALS		
1,1 Dichloroethylene	FL-DOH	524.2
1,1,1 Trichloroethane	FL-DOH	524.2
1,1,2 Trichloroethane	FL-DOH	524.2
1,2 Dichlorobenzene	FL-DOH	524.2
1,2 Dichloroethane	FL-DOH	524.2
1,2 Dichloropropane	FL-DOH	524.2
1,2,4 Trichlorobenzene	FL-DOH	524.2
1,2-Dibromo-3-chloropropane (DBCP)	FL-DOH	504.1
1,4-Dichlorobenzene	FL-DOH	524.2
2,4-D	FL-DOH	515.3
Alachlor	FL-DOH	525.2
Atrazine	FL-DOH	525.2
Benzene	FL-DOH	524.2
Benzo(a)pyrene	FL-DOH	525.2
Carbofuran	FL-DOH	531.1
Carbon tetrachloride	FL-DOH	524.2
Chlordane	FL-DOH	508
Chlorobenzene	FL-DOH	524.2
cis-1,2 Dichloroethylene	FL-DOH	524.2
Dalapon	FL-DOH	515.3
Di(2-ethylhexyl) adipate	FL-DOH	525.2
Di(2-ethylhexyl) phthalate	FL-DOH	525.2
Dichloromethane	FL-DOH	524.2

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Dinoseb	FL-DOH	515.3
Diquat	FL-DOH	549.2
Endothall	FL-DOH	548.1
Endrin	FL-DOH	508
Ethylbenzene	FL-DOH	524.2
Ethylene dibromide (EDB)	FL-DOH	504.1
Glyphosate	FL-DOH	547
Heptachlor	FL-DOH	508
Heptachlor epoxide	FL-DOH	508
Hexachlorobenzene	FL-DOH	508
Hexachlorocyclopentadiene	FL-DOH	508
Hexachlorocyclopentadiene	FL-DOH	525.2
Lindane	FL-DOH	508
Methoxychlor	FL-DOH	508
PCBs	FL-DOH	508
Pentachlorophenol	FL-DOH	515.3
Picloram	FL-DOH	515.3
Silvex (2,4,5-TP)	FL-DOH	515.3
Simazine	FL-DOH	525.2
Styrene	FL-DOH	524.2
Tetrachloroethylene	FL-DOH	524.2
Toluene	FL-DOH	524.2
Toxaphene	FL-DOH	508
trans-1,2 Dichloroethylene	FL-DOH	524.2
Trichloroethylene	FL-DOH	524.2
Vinyl chloride	FL-DOH	524.2
Xylenes	FL-DOH	524.2

RADIONUCLIDES

Uranium	FL-DOH	200.8
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DISINFECTION BYPRODUCTS

Haloacetic acids	FL-DOH	552.2
Total Trihalomethanes	FL-DOH	524.2

OTHER (SECONDARY)

Alkalinity as CaCO ₃	FL-DOH	SM 2320 B, 310.1
Aluminum	FL-DOH	200.7
Calcium	FL-DOH	200.7
Chloride	FL-DOH	300.0
Dissolved Organic Carbon	FL-DOH	SM 5310 C
Iron	FL-DOH	200.7

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Magnesium	FL-DOH	200.7
Manganese	FL-DOH	200.7, 200.8
Molybdenum	FL-DOH	200.7, 200.8
Nickel	FL-DOH	200.7, 200.8
pH	FL-DOH	150.1, SM 4500 H+B
Potassium	FL-DOH	200.7
Silica	FL-DOH	200.7
Silver	FL-DOH	200.7, 200.8
Sodium	FL-DOH	200.7
Sulfate	FL-DOH	300.0
Total Dissolved Solids	FL-DOH	SM 2540 C, 160.1
Total Organic Carbon	FL-DOH	SM 5310 C
Turbidity	FL-DOH	180.1
Zinc	FL-DOH	200.7, 200.8

PERFLUORINATED ALKYL ACIDS

Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	FL-DOH	533
Perfluorobutanoic acid (PFBA)	FL-DOH	533
Perfluorobutanesulfonic acid (PFBS)	FL-DOH	533, 537.1
Perfluorodecanoic acid (PFDA)	FL-DOH	533, 537.1
Perfluorododecanoic acid (PFDoA)	FL-DOH	533, 537.1
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	FL-DOH	533
Perfluoroheptane sulfonic acid (PFHpS)	FL-DOH	533
Perfluoroheptanoic acid (PFHpA)	FL-DOH	533, 537.1
Perfluorohexanesulfonic acid (PFHxS)	FL-DOH	533, 537.1
Perfluorohexanoic acid (PFHxA)	FL-DOH	533, 537.1
Perfluoro-3-methoxypropanoic acid (PFMPA)	FL-DOH	533
Perfluoro-4-methoxybutanoic acid (PFMBA)	FL-DOH	533
Perfluorononanoic acid (PFNA)	FL-DOH	533, 537.1
Perfluorooctanesulfonic acid (PFOS)	FL-DOH	533, 537.1
Perfluorooctanoic acid (PFOA)	FL-DOH	533, 537.1
Perfluoropentanoic acid (PFPeA)	FL-DOH	533
Perfluoropentane sulfonic acid (PFPeS)	FL-DOH	533
Perfluorotetradecanoic acid (PFTDA)	FL-DOH	537.1
Perfluorotridecanoic acid (PFTrDA)	FL-DOH	537.1
Perfluoroundecanoic acid (PFUnDA)	FL-DOH	533, 537.1

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11-chloreicosafuoro-3-oxaundecane-1-sulfonic acid	FL-DOH	533, 537.1
9-Chlorohexadecafluoro-3-oxanonane-1- sulfonic acid (9-Cl-PF3ONS)	FL-DOH	533, 537.1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	FL-DOH	533, 537.1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	FL-DOH	533, 537.1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	FL-DOH	533
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	FL-DOH	533
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	FL-DOH	533

MICROBIOLOGICAL

Total Coliforms	FL- DOH	SM9223B (Colilert)
Total Coliforms	FL- DOH	SM9222B
E. Coli	FL- DOH	SM9223B (Colilert)
E. Coli	FL- DOH	SM9221F