



**PERRY JOHNSON LABORATORY
ACCREDITATION, INC.**

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

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

Hereinafter called the Organization) and hereby declares that Organization has met the requirements of ISO/IEC 17025:2017) General Requirements for the competence of Testing and Calibration Laboratories and the United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) requirements identified within the DoD/DOE Quality Systems Manual (DoD/DOE QSM) Version 5.3 May 2019 and is accredited in accordance with the::

**United States Department of Defense
Environmental Laboratory Accreditation Program
(DoD-ELAP)**

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Environmental Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Initial Accreditation Date:

March 7, 2019

Issue Date:

August 4, 2021

Expiration Date:

August 4, 2023

Accreditation No.:

104509

Certificate No.:

L21-470

Tracy Szerszen
President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

ISO/IEC 17025:2017 and DoD-ELAP

Advanced Environmental Laboratories, Inc.

6681 Southpoint Parkway, Jacksonville, FL 32216
 Contact Name: Todd Romero Phone: 352-538-4939
 Contact Name: Heather Quilal-lan Phone: 904-363-9350

Accreditation is granted to the facility to perform the following testing:

Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 150.1	Electrode	pH
Aqueous	EPA 160.1 / SM 2540C	Gravimetric	Total Dissolved Solids (TDS)
Aqueous	EPA 160.2 / SM 2540D	Gravimetric	Total Suspended Solids (TSS)
Aqueous	EPA 160.3 / SM 2540B	Gravimetric	Total Solids (TS)
Aqueous	EPA 1631E	CVAFS	Low Level Mercury
Aqueous	EPA 1650C	Coulometry	Absorbable Organic Halides (AOX)
Aqueous	EPA 1664B	Gravimetric	Oil & Grease
Aqueous	EPA 1664B	Gravimetric	Total Petroleum Hydrocarbons (TPH)
Aqueous	EPA 180.1	Turbidimeter	Turbidity
Aqueous	EPA 200.7	ICP-OES	Aluminum
Aqueous	EPA 200.7	ICP-OES	Antimony
Aqueous	EPA 200.7	ICP-OES	Arsenic
Aqueous	EPA 200.7	ICP-OES	Barium
Aqueous	EPA 200.7	ICP-OES	Beryllium
Aqueous	EPA 200.7	ICP-OES	Boron
Aqueous	EPA 200.7	ICP-OES	Cadmium
Aqueous	EPA 200.7	ICP-OES	Calcium
Aqueous	EPA 200.7	ICP-OES	Chromium
Aqueous	EPA 200.7	ICP-OES	Cobalt
Aqueous	EPA 200.7	ICP-OES	Copper
Aqueous	EPA 200.7	ICP-OES	Iron
Aqueous	EPA 200.7	ICP-OES	Lead
Aqueous	EPA 200.7	ICP-OES	Lithium
Aqueous	EPA 200.7	ICP-OES	Magnesium
Aqueous	EPA 200.7	ICP-OES	Manganese
Aqueous	EPA 200.7	ICP-OES	Molybdenum
Aqueous	EPA 200.7	ICP-OES	Nickel
Aqueous	EPA 200.7	ICP-OES	Potassium
Aqueous	EPA 200.7	ICP-OES	Selenium
Aqueous	EPA 200.7	ICP-OES	Silica as SiO ₂
Aqueous	EPA 200.7	ICP-OES	Silver
Aqueous	EPA 200.7	ICP-OES	Sodium
Aqueous	EPA 200.7	ICP-OES	Strontium
Aqueous	EPA 200.7	ICP-OES	Thallium
Aqueous	EPA 200.7	ICP-OES	Tin
Aqueous	EPA 200.7	ICP-OES	Titanium



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 200.7	ICP-OES	Vanadium
Aqueous	EPA 200.7	ICP-OES	Zinc
Aqueous	EPA 200.8	ICP-MS	Aluminum
Aqueous	EPA 200.8	ICP-MS	Antimony
Aqueous	EPA 200.8	ICP-MS	Arsenic
Aqueous	EPA 200.8	ICP-MS	Barium
Aqueous	EPA 200.8	ICP-MS	Beryllium
Aqueous	EPA 200.8	ICP-MS	Boron
Aqueous	EPA 200.8	ICP-MS	Cadmium
Aqueous	EPA 200.8	ICP-MS	Chromium
Aqueous	EPA 200.8	ICP-MS	Cobalt
Aqueous	EPA 200.8	ICP-MS	Copper
Aqueous	EPA 200.8	ICP-MS	Iron
Aqueous	EPA 200.8	ICP-MS	Lead
Aqueous	EPA 200.8	ICP-MS	Manganese
Aqueous	EPA 200.8	ICP-MS	Molybdenum
Aqueous	EPA 200.8	ICP-MS	Nickel
Aqueous	EPA 200.8	ICP-MS	Selenium
Aqueous	EPA 200.8	ICP-MS	Silver
Aqueous	EPA 200.8	ICP-MS	Strontium
Aqueous	EPA 200.8	ICP-MS	Thallium
Aqueous	EPA 200.8	ICP-MS	Tin
Aqueous	EPA 200.8	ICP-MS	Titanium
Aqueous	EPA 200.8	ICP-MS	Uranium
Aqueous	EPA 200.8	ICP-MS	Vanadium
Aqueous	EPA 200.8	ICP-MS	Zinc
Aqueous	EPA 245.1	CV-AA	Mercury
Aqueous	EPA 300.0	Ion Chromatography	Bromide
Aqueous	EPA 300.0	Ion Chromatography	Chloride
Aqueous	EPA 300.0	Ion Chromatography	Flouride
Aqueous	EPA 300.0	Ion Chromatography	Nitrate
Aqueous	EPA 300.0	Ion Chromatography	Nitrate + Nitrite as N
Aqueous	EPA 300.0	Ion Chromatography	Nitrite
Aqueous	EPA 300.0	Ion Chromatography	Orthophosphate
Aqueous	EPA 300.0	Ion Chromatography	Sulfate
Aqueous	EPA 310.1	Manual	Alkalinity



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Aqueous	EPA 410.4	Spectrophotometry	Chemical Oxygen Demand (COD)
Aqueous	EPA 6010 / SM 3500-Fe B	Calculation	Ferric Iron
Aqueous	EPA 6010C,D	ICP-OES	Lithium
Aqueous	EPA 6010C,D	ICP-OES	Silica as SiO ₂
Aqueous	EPA 6020A,B	ICP/MS	Aluminum
Aqueous	EPA 6020A,B	ICP/MS	Iron
Aqueous	EPA 6020A,B	ICP-MS	Uranium
Aqueous	EPA 608.3	GC/ECD	4,4'-DDD
Aqueous	EPA 608.3	GC/ECD	4,4'-DDE
Aqueous	EPA 608.3	GC/ECD	4,4'-DDT
Aqueous	EPA 608.3	GC/ECD	Aldrin
Aqueous	EPA 608.3	GC/ECD	alpha-BHC
Aqueous	EPA 608.3	GC/ECD	Alpha-Chlordane
Aqueous	EPA 608.3	GC/ECD	Aroclor 1016
Aqueous	EPA 608.3	GC/ECD	Aroclor 1221
Aqueous	EPA 608.3	GC/ECD	Aroclor 1232
Aqueous	EPA 608.3	GC/ECD	Aroclor 1242
Aqueous	EPA 608.3	GC/ECD	Aroclor 1248
Aqueous	EPA 608.3	GC/ECD	Aroclor 1254
Aqueous	EPA 608.3	GC/ECD	Aroclor 1260
Aqueous	EPA 608.3	GC/ECD	beta-BHC
Aqueous	EPA 608.3	GC/ECD	Chlordane (Tech)
Aqueous	EPA 608.3	GC/ECD	delta-BHC
Aqueous	EPA 608.3	GC/ECD	Dieldrin
Aqueous	EPA 608.3	GC/ECD	Endosulfan I
Aqueous	EPA 608.3	GC/ECD	Endosulfan II
Aqueous	EPA 608.3	GC/ECD	Endosulfan Sulfate
Aqueous	EPA 608.3	GC/ECD	Endrin
Aqueous	EPA 608.3	GC/ECD	Endrin Aldehyde
Aqueous	EPA 608.3	GC/ECD	gamma-BHC (Lindane)
Aqueous	EPA 608.3	GC/ECD	gamma-chlordane
Aqueous	EPA 608.3	GC/ECD	Heptachlor
Aqueous	EPA 608.3	GC/ECD	Heptachlor Epoxide (beta)
Aqueous	EPA 608.3	GC/ECD	Methoxychlor
Aqueous	EPA 608.3	GC/ECD	Toxaphene
Aqueous	EPA 624.1	GC/MS	1,1 Dichloroethane



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Aqueous	EPA 624.1	GC/MS	1,1,1-Trichloroethane
Aqueous	EPA 624.1	GC/MS	1,1,2,2-Tetrachloroethane
Aqueous	EPA 624.1	GC/MS	1,1,2-Trichloroethane
Aqueous	EPA 624.1	GC/MS	1,1-Dichloroethene
Aqueous	EPA 624.1	GC/MS	1,2-Dichlorobenzene
Aqueous	EPA 624.1	GC/MS	1,2-Dichloroethane
Aqueous	EPA 624.1	GC/MS	1,2-Dichloropropane
Aqueous	EPA 624.1	GC/MS	1,3-Dichlorobenzene
Aqueous	EPA 624.1	GC/MS	1,4-Dichlorobenzene
Aqueous	EPA 624.1	GC/MS	2-Chloroethyl vinyl ether
Aqueous	EPA 624.1	GC/MS	Acrolein
Aqueous	EPA 624.1	GC/MS	Acrylonitrile
Aqueous	EPA 624.1	GC/MS	Benzene
Aqueous	EPA 624.1	GC/MS	Bromodichloromethane
Aqueous	EPA 624.1	GC/MS	Bromoform
Aqueous	EPA 624.1	GC/MS	Bromomethane (Methyl Bromide)
Aqueous	EPA 624.1	GC/MS	Carbon Tetrachloride
Aqueous	EPA 624.1	GC/MS	Chlorobenzene
Aqueous	EPA 624.1	GC/MS	Chloroethane
Aqueous	EPA 624.1	GC/MS	Chloroform
Aqueous	EPA 624.1	GC/MS	Chloromethane (Methyl Chloride)
Aqueous	EPA 624.1	GC/MS	cis 1,2 Dichloroethene
Aqueous	EPA 624.1	GC/MS	cis 1,3 Dichloropropene
Aqueous	EPA 624.1	GC/MS	Dibromochloromethane
Aqueous	EPA 624.1	GC/MS	Dichlorodifluoromethane
Aqueous	EPA 624.1	GC/MS	Ethylbenzene
Aqueous	EPA 624.1	GC/MS	Methyl tert-butyl Ether (MTBE)
Aqueous	EPA 624.1	GC/MS	Methylene Chloride
Aqueous	EPA 624.1	GC/MS	Tetrachloroethene
Aqueous	EPA 624.1	GC/MS	Toluene
Aqueous	EPA 624.1	GC/MS	trans-1,2-dichloroethene
Aqueous	EPA 624.1	GC/MS	trans-1,3-Dichloropropene
Aqueous	EPA 624.1	GC/MS	Trichloroethene
Aqueous	EPA 624.1	GC/MS	Trichlorofluoromethane
Aqueous	EPA 624.1	GC/MS	Vinyl chloride
Aqueous	EPA 624.1	GC/MS	Xylene-mp



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Aqueous	EPA 624.1	GC/MS	Xylene-o
Aqueous	EPA 624.1	GC/MS	Xylenes, Total
Aqueous	EPA 625.1	GC/MS	1 Methyl-naphthalene
Aqueous	EPA 625.1	GC/MS	1,2 Dichlorobenzene
Aqueous	EPA 625.1	GC/MS	1,2,4-Trichlorobenzene
Aqueous	EPA 625.1	GC/MS	1,3 Dichlorobenzene
Aqueous	EPA 625.1	GC/MS	1,4 Dichlorobenzene
Aqueous	EPA 625.1	GC/MS	2 Methyl-naphthalene
Aqueous	EPA 625.1	GC/MS	2,3-Dichloroaniline
Aqueous	EPA 625.1	GC/MS	2,4,6-Trichlorophenol
Aqueous	EPA 625.1	GC/MS	2,4-Dichlorophenol
Aqueous	EPA 625.1	GC/MS	2,4-Dimethylphenol
Aqueous	EPA 625.1	GC/MS	2,4-Dinitrophenol
Aqueous	EPA 625.1	GC/MS	2,4-Dinitrotoluene
Aqueous	EPA 625.1	GC/MS	2,6 Dichlorophenol
Aqueous	EPA 625.1	GC/MS	2,6-Dinitrotoluene
Aqueous	EPA 625.1	GC/MS	2-Chloronaphthalene
Aqueous	EPA 625.1	GC/MS	2-Chlorophenol
Aqueous	EPA 625.1	GC/MS	2-methyl phenol (o-cresol)
Aqueous	EPA 625.1	GC/MS	2-Methyl-4,6-Dinitrophenol
Aqueous	EPA 625.1	GC/MS	2-Nitrophenol
Aqueous	EPA 625.1	GC/MS	3,3'-Dichlorobenzidine
Aqueous	EPA 625.1	GC/MS	3+4-methyl phenol (MPresol)
Aqueous	EPA 625.1	GC/MS	4-Bromophenyl-phenylether
Aqueous	EPA 625.1	GC/MS	4-Chloro-3-methylphenol
Aqueous	EPA 625.1	GC/MS	4-Chlorophenyl-phenylether
Aqueous	EPA 625.1	GC/MS	4-Nitrophenol
Aqueous	EPA 625.1	GC/MS	Acenaphthene
Aqueous	EPA 625.1	GC/MS	Acenaphthylene
Aqueous	EPA 625.1	GC/MS	acetophenone
Aqueous	EPA 625.1	GC/MS	alpha-Terpineol
Aqueous	EPA 625.1	GC/MS	Aniline
Aqueous	EPA 625.1	GC/MS	Anthracene
Aqueous	EPA 625.1	GC/MS	Benzidine
Aqueous	EPA 625.1	GC/MS	Benzo(a)anthracene
Aqueous	EPA 625.1	GC/MS	Benzo(a)pyrene



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Aqueous	EPA 625.1	GC/MS	Benzo(b)fluoranthene
Aqueous	EPA 625.1	GC/MS	Benzo(g,h,i)perylene
Aqueous	EPA 625.1	GC/MS	Benzo(k)fluoranthene
Aqueous	EPA 625.1	GC/MS	Benzoic acid
Aqueous	EPA 625.1	GC/MS	bis(2-Chloroethoxy)methane
Aqueous	EPA 625.1	GC/MS	bis(2-Chloroethyl)ether
Aqueous	EPA 625.1	GC/MS	bis(2-Chloroisopropyl) ether
Aqueous	EPA 625.1	GC/MS	Bis(2-ethylhexyl) phthalate
Aqueous	EPA 625.1	GC/MS	Butyl Benzyl Phthalate
Aqueous	EPA 625.1	GC/MS	Carbazole
Aqueous	EPA 625.1	GC/MS	Chrysene
Aqueous	EPA 625.1	GC/MS	Dibenzo(a,h)anthracene
Aqueous	EPA 625.1	GC/MS	Dibenzofuran
Aqueous	EPA 625.1	GC/MS	Diethyl phthalate
Aqueous	EPA 625.1	GC/MS	Dimethyl phthalate
Aqueous	EPA 625.1	GC/MS	Di-n-butylphthalate
Aqueous	EPA 625.1	GC/MS	Di-n-octylphthalate
Aqueous	EPA 625.1	GC/MS	Fluoranthene
Aqueous	EPA 625.1	GC/MS	Fluorene
Aqueous	EPA 625.1	GC/MS	Hexachlorobenzene
Aqueous	EPA 625.1	GC/MS	Hexachlorobutadiene
Aqueous	EPA 625.1	GC/MS	Hexachlorocyclopentadiene
Aqueous	EPA 625.1	GC/MS	Hexachloroethane
Aqueous	EPA 625.1	GC/MS	Indeno(1,2,3, cd)pyrene
Aqueous	EPA 625.1	GC/MS	Isophorone
Aqueous	EPA 625.1	GC/MS	Naphthalene
Aqueous	EPA 625.1	GC/MS	n-Decane
Aqueous	EPA 625.1	GC/MS	Nitrobenzene
Aqueous	EPA 625.1	GC/MS	n-Nitrosodimethylamine
Aqueous	EPA 625.1	GC/MS	n-Nitroso-di-n-propylamine
Aqueous	EPA 625.1	GC/MS	n-Nitrosodiphenylamine
Aqueous	EPA 625.1	GC/MS	n-Octadecane
Aqueous	EPA 625.1	GC/MS	Pentachlorophenol
Aqueous	EPA 625.1	GC/MS	Phenanthrene
Aqueous	EPA 625.1	GC/MS	Phenol
Aqueous	EPA 625.1	GC/MS	Pyrene



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Aqueous	EPA 625.1	GC/MS	Pyridine
Aqueous	EPA 6010C,D	ICP/OES	Silica as SiO ₂
Aqueous	EPA 6010C,D	ICP/OES	Lithium
Aqueous	EPA 6010C,D	ICP/OES	Total Hardness
Aqueous	EPA 6010C,D	ICP/OES	Ca Hardness
Aqueous	EPA 6010C,D /SM 3500-Fe-D Calculation	ICP/OES	Ferric Iron
Aqueous	EPA 6020A,B	ICP/MS	Aluminum
Aqueous	EPA 6020A,B	ICP/MS	Iron
Aqueous	EPA 6020A,B	ICP/MS	Uranium
Aqueous	EPA 7470A	CV-AA	Mercury
Aqueous	EPA 8011	GC/ECD	(DBCP) 1,2 Dibromo-3-chloropropane
Aqueous	EPA 8011	GC/ECD	(EDB) 1,2 Dibromoethane
Aqueous	EPA 8081 B	GC/ECD	Hexachlorobenzene
Aqueous	EPA 9020B	Coulometry	Total Organic Halides (TOX)
Aqueous	EPA 8260C D SIM	GC/MS	1,2-Dibromo-3-chloropropane (DBCP)
Aqueous	EPA 8260C D SIM	GC/MS	1,2-Dibromoethane (EDB)
Aqueous	EPA 8260C D SIM	GC/MS	1,4-Dioxane
Aqueous	EPA 8270D, E	GC/MS	Dinoseb
Aqueous	EPA 8270D, E	GC/MS	3,3'-Dimethyloxybenzidine
Aqueous	EPA 8270 D, E	GC/MS	Di(2-ethylhexyl)adipate
Aqueous	EPA 8270D, E SIM	GC/MS	1,4 Dioxane
Aqueous	EPA 9040C	Electrode	Corrosivity
Aqueous	RSK-175	GC/FID	Ethane
Aqueous	RSK-175	GC/FID	Ethylene
Aqueous	RSK-175	GC/FID	Methane
Aqueous	SM 2320B	Titration	Alkalinity (as CaCO ₃)
Aqueous	SM 2340B	Calculation	Ca Hardness
Aqueous	SM 2340B	Calculation	Total Hardness
Aqueous	SM 3500-Cr D / EPA 7196	Spectrophotometry	Hexavalent Chromium
Aqueous	SM 3500-Fe D	Spectrophotometry	Ferrous Iron
Aqueous	SM 4500-PE	Spectrophotometer	Orthophosphate as P
Aqueous	SM 4500-S D/UVVIS	Spectrophotometer	Sulfide
Aqueous	SM 5210B	Demand	Biochemical Oxygen Demand (BOD)
Drinking Water	EPA 533	LCMSMS	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
Drinking Water	EPA 533	LCMSMS	1H, 1H, 2H, 2H-Perfluorodecane Sulfonate (8:2 Fluorotelomersulfonate, 8:2FTS)



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Drinking Water	EPA 533	LCMSMS	1H, 1H, 2H, 2H-Perfluorohexane Sulfonate (4:2 Fluorotelomersulfonate, 4:2FTS)
Drinking Water	EPA 533	LCMSMS	1H, 1H, 2H, 2H-Perfluorooctane Sulfonate (6:2 Fluorotelomersulfonate, 6:2FTS)
Drinking Water	EPA 533	LCMSMS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
Drinking Water	EPA 533	LCMSMS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9C1-PF3ONS)
Drinking Water	EPA 533	LCMSMS	Hexafluoropropylene oxide dimer acid (HFPO-DA) – GenX or Propanoic acid (PFPrOPrA)
Drinking Water	EPA 533	LCMSMS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
Drinking Water	EPA 533	LCMSMS	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
Drinking Water	EPA 533	LCMSMS	Perfluoro-3-methoxypropanoic acid (PFMPA)
Drinking Water	EPA 533	LCMSMS	Perfluoro-4-methoxybutanoic acid (PFMBA)
Drinking Water	EPA 533	LCMSMS	Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)
Drinking Water	EPA 533	LCMSMS	Perfluorobutanoate (PFBA, perfluorobutyric acid, Perfluorobutanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluorodecanoate (PFDA, perfluorodecanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluorododecanoate (PFDoA, perfluorododecanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluoroheptane Sulfonate (PFHpS, perfluorosulfonic acid)
Drinking Water	EPA 533	LCMSMS	Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)
Drinking Water	EPA 533	LCMSMS	Perfluorohexanoate (PFHxA, perfluorohexanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluorononanoate (PFNA, perfluorononanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluorooctane sulfonic acid (PFOS)
Drinking Water	EPA 533	LCMSMS	Perfluorooctanoate (PFOA, perfluorooctanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluoropentane sulfonic acid (PFPeS)
Drinking Water	EPA 533	LCMSMS	Perfluoropentanoate (PFPeA, perfluoropentanoic acid)
Drinking Water	EPA 533	LCMSMS	Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)



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Drinking Water	EPA 533	LCMSMS	Perfluorooctanoate (PFOA, perfluorooctanoic acid) and Perfluorooctane sulfonic acid (PFOS) Total (calculation)
Solid	EPA 1030	Manual	Ignitibility
Solid	EPA 160.3 / SM 2540G	Gravimetric	Total Solids (TS)
Solid	EPA 7471A,B	CV-AA	Mercury
Solid	EPA 8270D, E	GC/MS	3,3'-Dimethyloxybenzidine
Solid	EPA 9023	Coulometry	Extractable Organic Halides (EOX)
Solid	EPA 9045D	Electrode	Corrositivity
Solid	EPA 9045D	Electrode	pH
Solid	EPA 9056A	Ion Chromatography	Bromide
Solid	EPA 9056A	Ion Chromatography	Chloride
Solid	EPA 9056A	Ion Chromatography	Flouride
Solid	EPA 9056A	Ion Chromatography	Nitrate
Solid	EPA 9056A	Ion Chromatography	Nitrate and Nitrite as N (NOX)
Solid	EPA 9056A	Ion Chromatography	Nitrite
Solid	EPA 9056A	Ion Chromatography	Orthophosphate
Solid	EPA 9056A	Ion Chromatography	Sulfate
Solid	EPA 9095B	Manual	Paint Filter
Solid	MADEP-EPH	GC/FID	C9-C18 Aliphatic
Solid	MADEP-EPH	GC/FID	C19-C36 Aliphatic
Solid	MADEP-EPH	GC/FID	C11-C22 Aromatic (Unadjusted)
Solid	MADEP-VPH	GC/FID	C5-C8 Aliphatic (Unadjusted)
Solid	MADEP-VPH	GC/FID	C9-C12 Aliphatic (Unadjusted)
Solid	MADEP-VPH	GC/FID	C9-C10 Aromatic (Unadjusted)
Aqueous/Solid	EPA 1020C	Manual	Flashpoint
Aqueous/Solid	EPA 6010C,D	ICP/OES	Aluminum
Aqueous/Solid	EPA 6010C,D	ICP/OES	Antimony
Aqueous/Solid	EPA 6010C,D	ICP/OES	Arsenic
Aqueous/Solid	EPA 6010C,D	ICP/OES	Barium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Beryllium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Boron
Aqueous/Solid	EPA 6010C,D	ICP/OES	Cadmium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Calcium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Chromium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Cobalt



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ISO/IEC 17025:2017 and DoD-ELAP

Advanced Environmental Laboratories, Inc.

6681 Southpoint Parkway, Jacksonville, FL 32216

Contact Name: Todd Romero Phone: 352-538-4939

Contact Name: Heather Quilal-lan Phone: 904-363-9350

Accreditation is granted to the facility to perform the following testing:

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 6010C,D	ICP/OES	Copper
Aqueous/Solid	EPA 6010C,D	ICP/OES	Iron
Aqueous/Solid	EPA 6010C,D	ICP/OES	Lead
Aqueous/Solid	EPA 6010C,D	ICP/OES	Magnesium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Manganese
Aqueous/Solid	EPA 6010C,D	ICP/OES	Molybdenum
Aqueous/Solid	EPA 6010C,D	ICP/OES	Nickel
Aqueous/Solid	EPA 6010C,D	ICP/OES	Potassium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Selenium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Silver
Aqueous/Solid	EPA 6010C,D	ICP/OES	Sodium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Strontium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Thallium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Tin
Aqueous/Solid	EPA 6010C,D	ICP/OES	Titanium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Vanadium
Aqueous/Solid	EPA 6010C,D	ICP/OES	Zinc
Aqueous/Solid	EPA 6020A,B	ICP/MS	Antimony
Aqueous/Solid	EPA 6020A,B	ICP/MS	Arsenic
Aqueous/Solid	EPA 6020A,B	ICP/MS	Barium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Beryllium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Cadmium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Chromium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Cobalt
Aqueous/Solid	EPA 6020A,B	ICP/MS	Copper
Aqueous/Solid	EPA 6020A,B	ICP/MS	Lead
Aqueous/Solid	EPA 6020A,B	ICP/MS	Manganese
Aqueous/Solid	EPA 6020A,B	ICP/MS	Molybdenum
Aqueous/Solid	EPA 6020A,B	ICP/MS	Nickel
Aqueous/Solid	EPA 6020A,B	ICP/MS	Selenium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Silver
Aqueous/Solid	EPA 6020A,B	ICP/MS	Strontium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Thallium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Tin
Aqueous/Solid	EPA 6020A,B	ICP/MS	Titanium
Aqueous/Solid	EPA 6020A,B	ICP/MS	Vanadium



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 6020A,B	ICP/MS	Zinc
Aqueous/Solid	EPA 8015C /MADEP-VPH	GC/FID	Gasoline Range Organics (GRO) -
Aqueous/Solid	EPA 8015C/ MADEP-EPH	GC/FID	Diesel Range Organics (DRO)
Aqueous/Solid	EPA 8015C	GC/FID	2-ethoxyethanol
Aqueous/Solid	EPA 8015C	GC/FID	Diesel Range Organics (DRO)
Aqueous/Solid	EPA 8015C	GC/FID	Ethanol
Aqueous/Solid	EPA 8015C	GC/FID	Ethylene Glycol
Aqueous/Solid	EPA 8015C	GC/FID	Gasoline Range Organics (GRO)
Aqueous/Solid	EPA 8015C	GC/FID	Isobutyl alcohol
Aqueous/Solid	EPA 8015C	GC/FID	Isopropyl Alcohol
Aqueous/Solid	EPA 8015C	GC/FID	Methanol
Aqueous/Solid	EPA 8015C	GC/FID	n-Butyl alcohol
Aqueous/Solid	EPA 8015C	GC/FID	n-Propanol
Aqueous/Solid	EPA 8015C	GC/FID	ORO (Oil Range Organics C20-C35)
Aqueous/Solid	EPA 8015C	GC/FID	Propylene Glycol
Aqueous/Solid	EPA 8015C	GC/FID	RRO (Residual Range Organics C25-C36)
Aqueous/Solid	EPA 8081B	GC/ECD	4,4'-DDD
Aqueous/Solid	EPA 8081B	GC/ECD	4,4'-DDE
Aqueous/Solid	EPA 8081B	GC/ECD	4,4'-DDT
Aqueous/Solid	EPA 8081B	GC/ECD	Aldrin
Aqueous/Solid	EPA 8081B	GC/ECD	alpha-BHC
Aqueous/Solid	EPA 8081B	GC/ECD	Alpha-Chlordane
Aqueous/Solid	EPA 8081B	GC/ECD	beta-BHC
Aqueous/Solid	EPA 8081B	GC/ECD	Chlordane (Tech)
Aqueous/Solid	EPA 8081B	GC/ECD	delta-BHC
Aqueous/Solid	EPA 8081B	GC/ECD	Dieldrin
Aqueous/Solid	EPA 8081B	GC/ECD	Endosulfan I
Aqueous/Solid	EPA 8081B	GC/ECD	Endosulfan II
Aqueous/Solid	EPA 8081B	GC/ECD	Endosulfan Sulfate
Aqueous/Solid	EPA 8081B	GC/ECD	Endrin
Aqueous/Solid	EPA 8081B	GC/ECD	Endrin Aldehyde
Aqueous/Solid	EPA 8081B	GC/ECD	Endrin Ketone
Aqueous/Solid	EPA 8081B	GC/ECD	gamma-BHC (Lindane)
Aqueous/Solid	EPA 8081B	GC/ECD	Gamma-Chlordane
Aqueous/Solid	EPA 8081B	GC/ECD	Heptachlor
Aqueous/Solid	EPA 8081B	GC/ECD	Heptachlor Epoxide



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8081B	GC/ECD	Methoxychlor
Aqueous/Solid	EPA 8081B	GC/ECD	Toxaphene
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1016
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1221
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1232
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1242
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1248
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1254
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1260
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1262
Aqueous/Solid	EPA 8082A	GC/ECD	Aroclor 1268
Aqueous/Solid	EPA 8141B	GC/NPD	Atrazine
Aqueous/Solid	EPA 8141B	GC/NPD	Azinphos-methyl (Gunthion)
Aqueous/Solid	EPA 8141B	GC/NPD	Chlorpyrifos
Aqueous/Solid	EPA 8141B	GC/NPD	Chlorpyrifos Methyl
Aqueous/Solid	EPA 8141B	GC/NPD	Dementon total
Aqueous/Solid	EPA 8141B	GC/NPD	Demeton-o
Aqueous/Solid	EPA 8141B	GC/NPD	Demeton-s
Aqueous/Solid	EPA 8141B	GC/NPD	Diazinon
Aqueous/Solid	EPA 8141B	GC/NPD	Dimethoate
Aqueous/Solid	EPA 8141B	GC/NPD	Disulfoton
Aqueous/Solid	EPA 8141B	GC/NPD	Ethion
Aqueous/Solid	EPA 8141B	GC/NPD	Ethoprop
Aqueous/Solid	EPA 8141B	GC/NPD	Ethyl Parathion
Aqueous/Solid	EPA 8141B	GC/NPD	Famphur
Aqueous/Solid	EPA 8141B	GC/NPD	Fensulfothion
Aqueous/Solid	EPA 8141B	GC/NPD	Fonophos
Aqueous/Solid	EPA 8141B	GC/NPD	Malathion
Aqueous/Solid	EPA 8141B	GC/NPD	Merphos
Aqueous/Solid	EPA 8141B	GC/NPD	Methyl parathion
Aqueous/Solid	EPA 8141B	GC/NPD	Mevinphos
Aqueous/Solid	EPA 8141B	GC/NPD	Phorate
Aqueous/Solid	EPA 8141B	GC/NPD	Phosmet
Aqueous/Solid	EPA 8141B	GC/NPD	Ronnel
Aqueous/Solid	EPA 8141B	GC/NPD	Simazine
Aqueous/Solid	EPA 8141B	GC/NPD	Sulfotep



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Accreditation is granted to the facility to perform the following testing:

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8151A	GC/ECD	2,4,5-T
Aqueous/Solid	EPA 8151A	GC/ECD	2,4,5-TP (Silvex)
Aqueous/Solid	EPA 8151A	GC/ECD	2,4-D
Aqueous/Solid	EPA 8151A	GC/ECD	2,4-DB
Aqueous/Solid	EPA 8151A	GC/ECD	Dalapon
Aqueous/Solid	EPA 8151A	GC/ECD	Dicamba
Aqueous/Solid	EPA 8151A	GC/ECD	Dichloroprop
Aqueous/Solid	EPA 8151A	GC/ECD	Dinoseb
Aqueous/Solid	EPA 8151A	GC/ECD	Pentachlorophenol
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1 Dichloroethene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1 Dichloropropene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1,1,2-Tetrachloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1,1-Trichloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1,2,2-Tetrachloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1,2-Trichloro-1,2,2-trifluoroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1,2-Trichloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,1-Dichloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2 Dibromo-3-chloropropane (DBCP)
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2 Dibromoethane (EDB)
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2 Dichlorobenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2 Dichloropropane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2,3 Trichlorobenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2,3 Trichloropropane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2,4 Trichlorobenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2,4 Trimethylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,2-Dichloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,3,5 Trimethylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,3-Dichloropropane
Aqueous/Solid	EPA 8260C, D	GC/MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	1,4-Dioxane
Aqueous/Solid	EPA 8260C, D	GC/MS	2 Hexanone
Aqueous/Solid	EPA 8260C, D	GC/MS	2,2-Dichloropropane
Aqueous/Solid	EPA 8260C, D	GC/MS	2-Chloroethyl vinyl ether
Aqueous/Solid	EPA 8260C, D	GC/MS	2-Chlorotoluene
Aqueous/Solid	EPA 8260C, D	GC/MS	2-Nitropropane



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260C, D	GC/MS	4-Chlorotoluene
Aqueous/Solid	EPA 8260C, D	GC/MS	4-Methyl-2-pentanone (MIBK)
Aqueous/Solid	EPA 8260C, D	GC/MS	Acetone
Aqueous/Solid	EPA 8260C, D	GC/MS	Acetonitrile
Aqueous/Solid	EPA 8260C, D	GC/MS	Acrolein
Aqueous/Solid	EPA 8260C, D	GC/MS	Acrylonitrile
Aqueous/Solid	EPA 8260C, D	GC/MS	Allyl Chloride(3-Chloropropene)
Aqueous/Solid	EPA 8260C, D	GC/MS	Benzene
Aqueous/Solid	EPA 8260C, D	GC/MS	Bromobenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	Bromochloromethane
Aqueous/Solid	EPA 8260C, D	GC/MS	Bromodichloromethane
Aqueous/Solid	EPA 8260C, D	GC/MS	Bromoform
Aqueous/Solid	EPA 8260C, D	GC/MS	Bromomethane (Methyl Bromide)
Aqueous/Solid	EPA 8260C, D	GC/MS	Carbon Disulfide
Aqueous/Solid	EPA 8260C, D	GC/MS	Carbon Tetrachloride
Aqueous/Solid	EPA 8260C, D	GC/MS	Chlorobenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	Chloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	Chloroform
Aqueous/Solid	EPA 8260C, D	GC/MS	Chloromethane (Methyl Chloride)
Aqueous/Solid	EPA 8260C, D	GC/MS	Chloroprene
Aqueous/Solid	EPA 8260C, D	GC/MS	cis-1,2-Dichloroethene
Aqueous/Solid	EPA 8260C, D	GC/MS	cis-1,3-Dichloropropene
Aqueous/Solid	EPA 8260C, D	GC/MS	cis-1,4-Dichloro-2-butene
Aqueous/Solid	EPA 8260C, D	GC/MS	Cyclohexane
Aqueous/Solid	EPA 8260C, D	GC/MS	Cyclohexanone
Aqueous/Solid	EPA 8260C, D	GC/MS	Dibromochloromethane
Aqueous/Solid	EPA 8260C, D	GC/MS	Dibromomethane
Aqueous/Solid	EPA 8260C, D	GC/MS	Dichlorodifluoromethane
Aqueous/Solid	EPA 8260C, D	GC/MS	Diethyl Ether
Aqueous/Solid	EPA 8260C, D	GC/MS	Diisopropyl Ether (DIPE)
Aqueous/Solid	EPA 8260C, D	GC/MS	Ethanol
Aqueous/Solid	EPA 8260C, D	GC/MS	Ethyl Acetate
Aqueous/Solid	EPA 8260C, D	GC/MS	Ethyl Methacrylate
Aqueous/Solid	EPA 8260C, D	GC/MS	Ethyl tert-Butyl Ether (ETBE)
Aqueous/Solid	EPA 8260C, D	GC/MS	Ethylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	Hexachlorobutadiene



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260C, D	GC/MS	Iodomethane (Methyl Iodide)
Aqueous/Solid	EPA 8260C, D	GC/MS	Isobutyl Alcohol
Aqueous/Solid	EPA 8260C, D	GC/MS	Isopropyl Alcohol (IPA)
Aqueous/Solid	EPA 8260C, D	GC/MS	Isopropylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	m,p-xylenes
Aqueous/Solid	EPA 8260C, D	GC/MS	MEK (2-Butanone)
Aqueous/Solid	EPA 8260C, D	GC/MS	Methacrylonitrile
Aqueous/Solid	EPA 8260C, D	GC/MS	Methyl Acetate
Aqueous/Solid	EPA 8260C, D	GC/MS	Methyl Methacrylate
Aqueous/Solid	EPA 8260C, D	GC/MS	Methyl tert butyl ether (MTBE)
Aqueous/Solid	EPA 8260C, D	GC/MS	Methylcyclohexane
Aqueous/Solid	EPA 8260C, D	GC/MS	Methylene Chloride
Aqueous/Solid	EPA 8260C, D	GC/MS	Naphthalene
Aqueous/Solid	EPA 8260C, D	GC/MS	n-Butylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	n-Propylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	o-xylene
Aqueous/Solid	EPA 8260C, D	GC/MS	Pentachloroethane
Aqueous/Solid	EPA 8260C, D	GC/MS	p-Isopropyltoluene
Aqueous/Solid	EPA 8260C, D	GC/MS	Propionitrile
Aqueous/Solid	EPA 8260C, D	GC/MS	sec-Butylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	Styrene
Aqueous/Solid	EPA 8260C, D	GC/MS	tert-Amyl Methyl Ether (TAME)
Aqueous/Solid	EPA 8260C, D	GC/MS	tert-Butyl alcohol (TBA)
Aqueous/Solid	EPA 8260C, D	GC/MS	tert-Butylbenzene
Aqueous/Solid	EPA 8260C, D	GC/MS	Tetrachloroethylene
Aqueous/Solid	EPA 8260C, D	GC/MS	Tetrahydrofuran
Aqueous/Solid	EPA 8260C, D	GC/MS	Toluene
Aqueous/Solid	EPA 8260C, D	GC/MS	trans-1,2-dichloroethene
Aqueous/Solid	EPA 8260C, D	GC/MS	trans-1,3-Dichloropropene
Aqueous/Solid	EPA 8260C, D	GC/MS	trans-1,4-Dichloro-2-butene
Aqueous/Solid	EPA 8260C, D	GC/MS	Trichloroethene
Aqueous/Solid	EPA 8260C, D	GC/MS	Trichlorofluoromethane
Aqueous/Solid	EPA 8260C, D	GC/MS	Vinyl Acetate
Aqueous/Solid	EPA 8260C, D	GC/MS	Vinyl Chloride
Aqueous/Solid	EPA 8260C, D	GC/MS	Xylenes, Total
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	1-Methylnaphthalene



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Acenaphthene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Acenaphthylene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Anthracene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Benzo(k)fluoranthene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Carbazole
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Chrysene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Dibenzofuran
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	2,4-Dinitrophenol
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	4,6-Dinitro-2-methylphenol
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Fluoranthene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Fluorene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Indeno(1,2,3, cd)pyrene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Kepone
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Naphthalene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Phenanthrene
Aqueous/Solid	EPA 8270D, E SIM	GC/MS	Pyrene
Aqueous/Solid	EPA 8270D, E	GC/MS	(cis/trans)-Diallate
Aqueous/Solid	EPA 8270D, E	GC/MS	1,2 Dichlorobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	1,2,4,5 Tetrachlorobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	1,2-Diphenylhydrazine
Aqueous/Solid	EPA 8270D, E	GC/MS	1,3 Dichlorobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	1,3-Dinitrobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	1,4 Dichlorobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	1-Chloronaphthalene
Aqueous/Solid	EPA 8270D, E	GC/MS	1-Methylnaphthalene
Aqueous/Solid	EPA 8270D, E	GC/MS	1-Naphthylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	2 Methylnaphthalene
Aqueous/Solid	EPA 8270D, E	GC/MS	2,3,4,6 Tetrachlorophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2,4,5 Trichlorophenol



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D, E	GC/MS	2,4,6-Trichlorophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2,4-Dichlorophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2,4-Dimethylphenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2,4-Dinitrophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2,4-Dinitrotoluene
Aqueous/Solid	EPA 8270D, E	GC/MS	2,6 Dichlorophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2,6-Dinitrotoluene
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Acetyl aminofluorene
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Chloronaphthalene
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Chlorophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2-methyl phenol (o-cresol)
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Methyl-4,6-Dinitrophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Naphthylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Nitroaniline
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Nitrophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	2-Picoline
Aqueous/Solid	EPA 8270D, E	GC/MS	3,3'-Dichlorobenzidine
Aqueous/Solid	EPA 8270D, E	GC/MS	3,3'-Dimethylbenzidine
Aqueous/Solid	EPA 8270D, E	GC/MS	3+4-methyl phenol (MPcresol)
Aqueous/Solid	EPA 8270D, E	GC/MS	3-Methylcholanthrene
Aqueous/Solid	EPA 8270D, E	GC/MS	3-Nitroaniline
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Aminobiphenyl
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Bromophenyl-phenylether
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Chloro-3-methylphenol
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Chloroaniline
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Chlorophenyl-phenylether
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Dimethyl aminoazobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Nitroaniline
Aqueous/Solid	EPA 8270D, E	GC/MS	4-Nitrophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	5-Nitro-o-Toluidine
Aqueous/Solid	EPA 8270D, E	GC/MS	7,12-Dimethylbenz(a)anthracene
Aqueous/Solid	EPA 8270D, E	GC/MS	a,a-Dimethylphenylethylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	Acenaphthene
Aqueous/Solid	EPA 8270D, E	GC/MS	Acenaphthylene
Aqueous/Solid	EPA 8270D, E	GC/MS	Acetophenone
Aqueous/Solid	EPA 8270D, E	GC/MS	Alachlor



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Advanced Environmental Laboratories, Inc.

6681 Southpoint Parkway, Jacksonville, FL 32216

Contact Name: Todd Romero Phone: 352-538-4939

Contact Name: Heather Quilal-lan Phone: 904-363-9350

Accreditation is granted to the facility to perform the following testing:

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D, E	GC/MS	Aniline
Aqueous/Solid	EPA 8270D, E	GC/MS	Anthracene
Aqueous/Solid	EPA 8270D, E	GC/MS	Aramite
Aqueous/Solid	EPA 8270D, E	GC/MS	Atrazine
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzaldehyde
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzidine
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzo(k)fluoranthene
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzoic Acid
Aqueous/Solid	EPA 8270D, E	GC/MS	Benzyl Alcohol
Aqueous/Solid	EPA 8270D, E	GC/MS	Biphenyl
Aqueous/Solid	EPA 8270D, E	GC/MS	bis(2-Chloroethoxy) methane
Aqueous/Solid	EPA 8270D, E	GC/MS	bis(2-Chloroethyl) ether
Aqueous/Solid	EPA 8270D, E	GC/MS	bis(2-Chloroisopropyl) ether
Aqueous/Solid	EPA 8270D, E	GC/MS	Bis(2-ethylhexyl) phthalate
Aqueous/Solid	EPA 8270D, E	GC/MS	Butyl Benzyl Phthalate
Aqueous/Solid	EPA 8270D, E	GC/MS	Caprolactam
Aqueous/Solid	EPA 8270D, E	GC/MS	Carbazole
Aqueous/Solid	EPA 8270D, E	GC/MS	Chlorobenzilate
Aqueous/Solid	EPA 8270D, E	GC/MS	Chrysene
Aqueous/Solid	EPA 8270D, E	GC/MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270D, E	GC/MS	Dibenzo(a,j)acridine
Aqueous/Solid	EPA 8270D, E	GC/MS	Dibenzofuran
Aqueous/Solid	EPA 8270D, E	GC/MS	Diethyl phthalate
Aqueous/Solid	EPA 8270D, E	GC/MS	Dimethoate
Aqueous/Solid	EPA 8270D, E	GC/MS	Dimethyl phthalate
Aqueous/Solid	EPA 8270D, E	GC/MS	Di-n-butylphthalate
Aqueous/Solid	EPA 8270D, E	GC/MS	Di-n-octylphthalate
Aqueous/Solid	EPA 8270D, E	GC/MS	Diphenylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	Disulfoton
Aqueous/Solid	EPA 8270D, E	GC/MS	Ethyl methanesulfonate
Aqueous/Solid	EPA 8270D, E	GC/MS	Fluoranthene
Aqueous/Solid	EPA 8270D, E	GC/MS	Fluorene



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D, E	GC/MS	Hexachlorobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8270D, E	GC/MS	Hexachlorocyclopentadiene
Aqueous/Solid	EPA 8270D, E	GC/MS	Hexachloroethane
Aqueous/Solid	EPA 8270D, E	GC/MS	Hexachloropropene
Aqueous/Solid	EPA 8270D, E	GC/MS	Indeno(1,2,3, cd)pyrene
Aqueous/Solid	EPA 8270D, E	GC/MS	Isodrin
Aqueous/Solid	EPA 8270D, E	GC/MS	Isophorone
Aqueous/Solid	EPA 8270D, E	GC/MS	Isosafrole
Aqueous/Solid	EPA 8270D, E	GC/MS	Kepone
Aqueous/Solid	EPA 8270D, E	GC/MS	Methyl methanesulfonate
Aqueous/Solid	EPA 8270D, E	GC/MS	Methyl Parathion
Aqueous/Solid	EPA 8270D, E	GC/MS	Naphthalene
Aqueous/Solid	EPA 8270D, E	GC/MS	Nitrobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	N-Nitrosodiethylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	n-Nitrosodimethylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	N-Nitrosodi-n-butylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	n-Nitroso-di-n-propylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	n-Nitrosodiphenylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	n-Nitrosomethylethylamine
Aqueous/Solid	EPA 8270D, E	GC/MS	N-Nitrosomorpholine
Aqueous/Solid	EPA 8270D, E	GC/MS	N-Nitrosopiperidine
Aqueous/Solid	EPA 8270D, E	GC/MS	N-Nitrosopyrrolidine
Aqueous/Solid	EPA 8270D, E	GC/MS	o,o,o-Triethyl phosphorothioate
Aqueous/Solid	EPA 8270D, E	GC/MS	o-Toluidine
Aqueous/Solid	EPA 8270D, E	GC/MS	Parathion
Aqueous/Solid	EPA 8270D, E	GC/MS	Pentachlorobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	Pentachloroethane
Aqueous/Solid	EPA 8270D, E	GC/MS	Pentachloronitrobenzene
Aqueous/Solid	EPA 8270D, E	GC/MS	Pentachlorophenol
Aqueous/Solid	EPA 8270D, E	GC/MS	Phenacetin
Aqueous/Solid	EPA 8270D, E	GC/MS	Phenanthrene
Aqueous/Solid	EPA 8270D, E	GC/MS	Phenol
Aqueous/Solid	EPA 8270D, E	GC/MS	Phorate
Aqueous/Solid	EPA 8270D, E	GC/MS	Pronamide
Aqueous/Solid	EPA 8270D, E	GC/MS	Pyrene



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Accreditation is granted to the facility to perform the following testing:

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D, E	GC/MS	Pyridine
Aqueous/Solid	EPA 8270D, E	GC/MS	Safrole
Aqueous/Solid	EPA 8270D, E	GC/MS	Simazine
Aqueous/Solid	EPA 8270D, E	GC/MS	Sulfotep
Aqueous/Solid	EPA 8270D, E	GC/MS	Thionazin
Aqueous/Solid	EPA 9040	Electrode	pH
Aqueous/Solid	FL-PRO	GC/FID	TPH
Aqueous/Solid	FL-PRO / MADEP-EPH	GC/FID	Diesel Range Organics (DRO)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	11-Chloroeicosafluoro-3-oxaundecane- 1-sulfonic acid (11C1-PF3OUdS)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	1H, 1H, 2H, 2H-Perfluorodecane Sulfonate (8:2 Fluorotelomersulfonate, 8:2FTS)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	1H, 1H, 2H, 2H-Perfluorohexane Sulfonate (4:2 Fluorotelomersulfonate, 4:2FTS)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	1H, 1H, 2H, 2H-Perfluorooctane Sulfonate (6:2 Fluorotelomersulfonate, 6:2FTS)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	9-Chlorohexadecafluoro-3-oxanonane- 1-sulfonic acid (9C1-PF3ONS)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorooctanoate (PFOA, perfluorooctanoic acid) and Perfluorooctane sulfonic acid (PFOS) Total (calculation)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Hexafluoropropylene oxide dimer acid (HFPO-DA) – GenX or Propanoic acid (PFPrOPrA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoro-3-methoxypropanoic acid (PFMPA)



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoro-4-methoxybutanoic acid (PFMBA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorobutane sulfonate (PFBS, perfluorobutane sulfonic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorobutanoate (PFBA, perfluorobutyric acid, Perfluorobutanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorodecanoate (PFDA, perfluorodecanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorododecanoate (PFDoA, perfluorododecanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoroheptane Sulfonate (PFHpS, perfluorosulfonic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoroheptanoate (PFHpA, perfluoroheptanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorohexane sulfonate (PFHxS, perfluorohexane sulfonic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorohexanoate (PFHxA, perfluorohexanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorononanoate (PFNA, perfluorononanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorooctane sulfonic acid (PFOS)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorooctanoate (PFOA, perfluorooctanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoropentane sulfonic acid (PFPeS)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoropentanoate (PFPeA, perfluoropentanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluoroundecanoate (PFUnA, perfluoroundecanoic acid)



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorodecane sulfonate (PFDS, perfluorodecane sulfonic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorononanesulfonate (PFNS, Perfluorononane sulfonic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorooctane sulfonamide (PFOSA)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorotetradecanoate (PFTeDA, perfluorotetradecanoic acid)
Aqueous/Solid	PFAS by LCMSMS Compliant with Table B-15 of QSM 5.3	LCMSMS	Perfluorotridecanoate (PFTriA, perfluorotridecanoic acid)



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 3510C	Separatory Funnel	Extraction Prep Methods
Aqueous	EPA 5030B	Purge and trap	Volatile Prep Methods
Aqueous/Solid	EPA 1311	Leaching	Toxicity Characteristic Leaching Procedure
Aqueous/Solid	EPA 1312	Leaching	Synthetic Precipitation Leaching Procedure
Aqueous/Solid	EPA 3005A	Acid Digestion	Metals Digestion Prep Methods
Aqueous/Solid	EPA 3010A	Acid Digestion	Metals Digestion Prep Methods
Aqueous/Solid	EPA 3020A	Acid Digestion	Metals Digestion Prep Methods
Aqueous/Solid	EPA 3050B	Acid Digestion	Metals Digestion Prep Methods
Aqueous/Solid	EPA 3550C	Ultrasonic Extraction	Extraction Prep Methods
Aqueous/Solid	EPA 3580A	Waste Dilution Extraction	Extraction Prep Methods
Aqueous/Solid	EPA 3620B	Florisil Clean Up	Extraction Clean up
Aqueous/Solid	EPA 3630C	Silica Gel Clean Up	Extraction Clean up
Aqueous/Solid	EPA 3660B	Sulfur Clean Up	Extraction Clean up
Aqueous/Solid	EPA 3665A	Sulfuric Acid Clean Up	Extraction Clean up
Aqueous/Solid	EPA 5035A	Purge and Trap	Volatiles Prep Methods