



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

A & B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029

(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):

***This accreditation demonstrates technical competence for the defined scope:
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: *Issue Date:* *Expiration Date:*
February 10, 2012 February 10, 2021 February 10, 2023

Tracy Szerszen
President

Accreditation No: *Certificate No:*
71390 L21-108

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.pjilabs.com



Certificate of Accreditation: Supplement
ISO/IEC 17025:2017 and DoD-ELAP

A & B Environmental Services, Inc.
10100 East Freeway, Suite 100, Houston, TX 77029
Contact Name: Almera Rosario Phone: 713-453-6060

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

Matrix	Standard/Method	Technology	Analyte
Air	EPA TO-15	GC-MS	1,1,1-Trichloroethane
Air	EPA TO-15	GC-MS	1,1,2,2-Tetrachloroethane
Air	EPA TO-15	GC-MS	1,1,2-Trichloro-1,2,2-trifluoroethane
Air	EPA TO-15	GC-MS	1,1,2-Trichloroethane
Air	EPA TO-15	GC-MS	1,1-Dichloroethane
Air	EPA TO-15	GC-MS	1,1-Dichloroethylene
Air	EPA TO-15	GC-MS	1,2,4-Trichlorobenzene
Air	EPA TO-15	GC-MS	1,2,4-Trimethylbenzene
Air	EPA TO-15	GC-MS	1,2-Dibromoethane
Air	EPA TO-15	GC-MS	1,2-Dichlorobenzene
Air	EPA TO-15	GC-MS	1,2-Dichloroethane
Air	EPA TO-15	GC-MS	1,2-Dichloropropane
Air	EPA TO-15	GC-MS	1,2-Dichlorotetrafluoroethane
Air	EPA TO-15	GC-MS	1,3,5-Trimethylbenzene
Air	EPA TO-15	GC-MS	1,3-Butadiene
Air	EPA TO-15	GC-MS	1,3-Dichlorobenzene
Air	EPA TO-15	GC-MS	1,4-Dichlorobenzene
Air	EPA TO-15	GC-MS	1,4-Dioxane
Air	EPA TO-15	GC-MS	2-Butanone
Air	EPA TO-15	GC-MS	4-Ethyltoluene
Air	EPA TO-15	GC-MS	Acetone
Air	EPA TO-15	GC-MS	Acrolein
Air	EPA TO-15	GC-MS	Benzene
Air	EPA TO-15	GC-MS	Benzyl chloride
Air	EPA TO-15	GC-MS	Bromodichloromethane
Air	EPA TO-15	GC-MS	Bromoform
Air	EPA TO-15	GC-MS	Bromomethane
Air	EPA TO-15	GC-MS	Carbon disulfide
Air	EPA TO-15	GC-MS	Carbon tetrachloride
Air	EPA TO-15	GC-MS	Chlorobenzene
Air	EPA TO-15	GC-MS	Chloroethane
Air	EPA TO-15	GC-MS	Chloroform
Air	EPA TO-15	GC-MS	Chloromethane
Air	EPA TO-15	GC-MS	cis-1,2-Dichloroethylene
Air	EPA TO-15	GC-MS	cis-1,3-Dichloropropene



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Matrix	Standard/Method	Technology	Analyte
Air	EPA TO-15	GC-MS	Cyclohexane
Air	EPA TO-15	GC-MS	Dibromochloromethane
Air	EPA TO-15	GC-MS	Dichlorodifluoromethane
Air	EPA TO-15	GC-MS	Ethanol
Air	EPA TO-15	GC-MS	Ethyl acetate
Air	EPA TO-15	GC-MS	Ethylbenzene
Air	EPA TO-15	GC-MS	Heptane
Air	EPA TO-15	GC-MS	Hexachlorobutadiene
Air	EPA TO-15	GC-MS	Hexane
Air	EPA TO-15	GC-MS	Isopropyl Alcohol
Air	EPA TO-15	GC-MS	m- & p-Xylenes
Air	EPA TO-15	GC-MS	Methyl Butyl Ketone
Air	EPA TO-15	GC-MS	Methyl Methacrylate
Air	EPA TO-15	GC-MS	Methylene chloride
Air	EPA TO-15	GC-MS	MIBK
Air	EPA TO-15	GC-MS	MTBE
Air	EPA TO-15	GC-MS	o-Xylene
Air	EPA TO-15	GC-MS	Propylene
Air	EPA TO-15	GC-MS	Styrene
Air	EPA TO-15	GC-MS	Tetrachloroethylene
Air	EPA TO-15	GC-MS	Tetrahydrofuran
Air	EPA TO-15	GC-MS	Toluene
Air	EPA TO-15	GC-MS	trans-1,2-Dichloroethylene
Air	EPA TO-15	GC-MS	trans-1,3-Dichloropropene
Air	EPA TO-15	GC-MS	Trichloroethylene
Air	EPA TO-15	GC-MS	Trichlorofluoromethane
Air	EPA TO-15	GC-MS	Vinyl Acetate
Air	EPA TO-15	GC-MS	Vinyl Chloride
Air	NIOSH 7400	Phase Contrast Microscopy	Asbestos
Aqueous	EPA 1664B	Gravimetric	O&G (SGT-HEM)
Aqueous	EPA 1664B	Gravimetric	Oil & Grease
Aqueous	EPA 200.7	ICP	Aluminum
Aqueous	EPA 200.7	ICP	Antimony
Aqueous	EPA 200.7	ICP	Arsenic



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 200.7	ICP	Barium
Aqueous	EPA 200.7	ICP	Beryllium
Aqueous	EPA 200.7	ICP	Boron
Aqueous	EPA 200.7	ICP	Cadmium
Aqueous	EPA 200.7	ICP	Calcium
Aqueous	EPA 200.7	ICP	Chromium
Aqueous	EPA 200.7	ICP	Cobalt
Aqueous	EPA 200.7	ICP	Copper
Aqueous	EPA 200.7	ICP	Iron
Aqueous	EPA 200.7	ICP	Lead
Aqueous	EPA 200.7	ICP	Lithium
Aqueous	EPA 200.7	ICP	Magnesium
Aqueous	EPA 200.7	ICP	Manganese
Aqueous	EPA 200.7	ICP	Molybdenum
Aqueous	EPA 200.7	ICP	Nickel
Aqueous	EPA 200.7	ICP	Phosphorus
Aqueous	EPA 200.7	ICP	Potassium
Aqueous	EPA 200.7	ICP	Selenium
Aqueous	EPA 200.7	ICP	Silicon
Aqueous	EPA 200.7	ICP	Silver
Aqueous	EPA 200.7	ICP	Sodium
Aqueous	EPA 200.7	ICP	Strontium
Aqueous	EPA 200.7	ICP	Thallium
Aqueous	EPA 200.7	ICP	Tin
Aqueous	EPA 200.7	ICP	Titanium
Aqueous	EPA 200.7	ICP	Vanadium
Aqueous	EPA 200.7	ICP	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	Cadmium
Aqueous	EPA 200.8	ICP-MS	Calcium
Aqueous	EPA 200.8	ICP-MS	Chromium



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Matrix	Standard/Method	Technology	Analyte
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	Magnesium
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	Potassium
Aqueous	EPA 200.8	ICP-MS	Selenium
Aqueous	EPA 200.8	ICP-MS	Silver
Aqueous	EPA 200.8	ICP-MS	Sodium
Aqueous	EPA 200.8	ICP-MS	Thallium
Aqueous	EPA 200.8	ICP-MS	Thorium
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	CVAA	Mercury
Aqueous	EPA 300.0	IC	Bromide
Aqueous	EPA 300.0	IC	Chloride
Aqueous	EPA 300.0	IC	Fluoride
Aqueous	EPA 300.0	IC	Nitrate/Nitrite as N
Aqueous	EPA 300.0	IC	Nitrate-N
Aqueous	EPA 300.0	IC	Nitrite-N
Aqueous	EPA 300.0	IC	Ortho Phosphate-P
Aqueous	EPA 300.0	IC	Sulfate
Aqueous	EPA 350.3	ISE	Ammonia as N
Aqueous	EPA 420.1	Colorimetric	Phenols
Aqueous	EPA 624	GC-MS	1,1,1,2-Tetrachloroethane
Aqueous	EPA 624	GC-MS	1,1,1-Trichloroethane
Aqueous	EPA 624	GC-MS	1,1,2,2-Tetrachloroethane
Aqueous	EPA 624	GC-MS	1,1,2-Trichloroethane
Aqueous	EPA 624	GC-MS	1,1-Dichloroethane
Aqueous	EPA 624	GC-MS	1,1-Dichloroethylene
Aqueous	EPA 624	GC-MS	1,1-Dichloropropene



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

Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 624	GC-MS	1,2,3-trichlorobenzene
Aqueous	EPA 624	GC-MS	1,2,3-Trichloropropane
Aqueous	EPA 624	GC-MS	1,2,4-Trichlorobenzene
Aqueous	EPA 624	GC-MS	1,2,4-Trimethylbenzene
Aqueous	EPA 624	GC-MS	1,2-Dibromo-3-chloropropane
Aqueous	EPA 624	GC-MS	1,2-Dibromoethane
Aqueous	EPA 624	GC-MS	1,2-Dichlorobenzene
Aqueous	EPA 624	GC-MS	1,2-Dichloroethane
Aqueous	EPA 624	GC-MS	1,2-Dichloropropane
Aqueous	EPA 624	GC-MS	1,3,5-Trimethylbenzene
Aqueous	EPA 624	GC-MS	1,3-Butadiene
Aqueous	EPA 624	GC-MS	1,3-Dichlorobenzene
Aqueous	EPA 624	GC-MS	1,3-Dichloropropane
Aqueous	EPA 624	GC-MS	1,4-Dichlorobenzene
Aqueous	EPA 624	GC-MS	2,2,4-Trimethylpentane
Aqueous	EPA 624	GC-MS	2,2-Dichloropropane
Aqueous	EPA 624	GC-MS	2-Butanone
Aqueous	EPA 624	GC-MS	2-chloroethylvinyl Ether
Aqueous	EPA 624	GC-MS	2-Chlorotoluene
Aqueous	EPA 624	GC-MS	2-Hexanone
Aqueous	EPA 624	GC-MS	2-Methylnaphthalene
Aqueous	EPA 624	GC-MS	2-Methylpentane
Aqueous	EPA 624	GC-MS	4-Chlorotoluene
Aqueous	EPA 624	GC-MS	4-Isopropyltoluene
Aqueous	EPA 624	GC-MS	4-Vinylcyclohexene
Aqueous	EPA 624	GC-MS	Acetone
Aqueous	EPA 624	GC-MS	Acetonitrile
Aqueous	EPA 624	GC-MS	Acrolein
Aqueous	EPA 624	GC-MS	Acrylonitrile
Aqueous	EPA 624	GC-MS	Amyl Acetate
Aqueous	EPA 624	GC-MS	Benzene
Aqueous	EPA 624	GC-MS	Benzyl chloride
Aqueous	EPA 624	GC-MS	Bromobenzene
Aqueous	EPA 624	GC-MS	Bromochloromethane
Aqueous	EPA 624	GC-MS	Bromodichloromethane



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 624	GC-MS	Bromoform
Aqueous	EPA 624	GC-MS	Bromomethane
Aqueous	EPA 624	GC-MS	Butyl acetate
Aqueous	EPA 624	GC-MS	Carbon disulfide
Aqueous	EPA 624	GC-MS	Carbon tetrachloride
Aqueous	EPA 624	GC-MS	Chlorobenzene
Aqueous	EPA 624	GC-MS	Chloroethane
Aqueous	EPA 624	GC-MS	Chloroform
Aqueous	EPA 624	GC-MS	Chloromethane
Aqueous	EPA 624	GC-MS	cis-1,2-Dichloroethylene
Aqueous	EPA 624	GC-MS	cis-1,3-Dichloropropene
Aqueous	EPA 624	GC-MS	Cyclohexane
Aqueous	EPA 624	GC-MS	Cyclohexene
Aqueous	EPA 624	GC-MS	Dibromochloromethane
Aqueous	EPA 624	GC-MS	Dibromomethane
Aqueous	EPA 624	GC-MS	Dichlorodifluoromethane
Aqueous	EPA 624	GC-MS	Diisobutylene
Aqueous	EPA 624	GC-MS	Ethyl acetate
Aqueous	EPA 624	GC-MS	Ethylbenzene
Aqueous	EPA 624	GC-MS	Heptane
Aqueous	EPA 624	GC-MS	Hexane
Aqueous	EPA 624	GC-MS	Isopropylbenzene
Aqueous	EPA 624	GC-MS	m- & p-Xylenes
Aqueous	EPA 624	GC-MS	MEK
Aqueous	EPA 624	GC-MS	Methyl Acetate
Aqueous	EPA 624	GC-MS	Methylene chloride
Aqueous	EPA 624	GC-MS	MIBK
Aqueous	EPA 624	GC-MS	MTBE
Aqueous	EPA 624	GC-MS	Naphthalene
Aqueous	EPA 624	GC-MS	n-Butylbenzene
Aqueous	EPA 624	GC-MS	n-Hexane
Aqueous	EPA 624	GC-MS	n-Pentane
Aqueous	EPA 624	GC-MS	n-Propyl Acetate
Aqueous	EPA 624	GC-MS	n-Propylbenzene
Aqueous	EPA 624	GC-MS	o-Xylene



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 624	GC-MS	sec-Butylbenzene
Aqueous	EPA 624	GC-MS	Styrene
Aqueous	EPA 624	GC-MS	t-butylbenzene
Aqueous	EPA 624	GC-MS	Tetrachloroethylene
Aqueous	EPA 624	GC-MS	THMs
Aqueous	EPA 624	GC-MS	Toluene
Aqueous	EPA 624	GC-MS	trans-1,2-Dichloroethylene
Aqueous	EPA 624	GC-MS	trans-1,3-Dichloropropene
Aqueous	EPA 624	GC-MS	Trichloroethylene
Aqueous	EPA 624	GC-MS	Trichlorofluoromethane
Aqueous	EPA 624	GC-MS	Vinyl Acetate
Aqueous	EPA 624	GC-MS	Vinyl Chloride
Aqueous	EPA 624	GC-MS	Xylenes
Aqueous	EPA 625	GC-MS	1,2,4,5-Tetrachlorobenzene
Aqueous	EPA 625	GC-MS	1,2,4-Trichlorobenzene
Aqueous	EPA 625	GC-MS	1,2-Dichlorobenzene
Aqueous	EPA 625	GC-MS	1,2-Diphenylhydrazine as Azobenzene
Aqueous	EPA 625	GC-MS	1,3-Dichlorobenzene
Aqueous	EPA 625	GC-MS	1,4-Dichlorobenzene
Aqueous	EPA 625	GC-MS	2,4,5-Trichlorophenol
Aqueous	EPA 625	GC-MS	2,4,6-Trichlorophenol
Aqueous	EPA 625	GC-MS	2,4-Dichlorophenol
Aqueous	EPA 625	GC-MS	2,4-Dimethylphenol
Aqueous	EPA 625	GC-MS	2,4-Dinitrophenol
Aqueous	EPA 625	GC-MS	2,4-Dinitrotoluene
Aqueous	EPA 625	GC-MS	2,6-Dinitrotoluene
Aqueous	EPA 625	GC-MS	2-Chloronaphthalene
Aqueous	EPA 625	GC-MS	2-Chlorophenol
Aqueous	EPA 625	GC-MS	2-Methylnaphthalene
Aqueous	EPA 625	GC-MS	2-Methylphenol
Aqueous	EPA 625	GC-MS	2-Nitroaniline
Aqueous	EPA 625	GC-MS	2-Nitrophenol
Aqueous	EPA 625	GC-MS	3- & 4-Methylphenols
Aqueous	EPA 625	GC-MS	3,3-Dichlorobenzidine
Aqueous	EPA 625	GC-MS	3-Nitroaniline



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625	GC-MS	4,6-Dinitro-2-methylphenol
Aqueous	EPA 625	GC-MS	4-Bromophenyl phenyl ether
Aqueous	EPA 625	GC-MS	4-Chloro-3-methylphenol
Aqueous	EPA 625	GC-MS	4-Chloroaniline
Aqueous	EPA 625	GC-MS	4-Chlorophenyl pheny ether
Aqueous	EPA 625	GC-MS	4-Nitroaniline
Aqueous	EPA 625	GC-MS	4-Nitrophenol
Aqueous	EPA 625	GC-MS	Acenaphthene
Aqueous	EPA 625	GC-MS	Acenaphthylene
Aqueous	EPA 625	GC-MS	Acetophenone
Aqueous	EPA 625	GC-MS	Aniline
Aqueous	EPA 625	GC-MS	Anthracene
Aqueous	EPA 625	GC-MS	Azobenzene
Aqueous	EPA 625	GC-MS	Benzidine
Aqueous	EPA 625	GC-MS	Benzo(a)anthracene
Aqueous	EPA 625	GC-MS	Benzo(a)pyrene
Aqueous	EPA 625	GC-MS	Benzo(b)fluoranthene
Aqueous	EPA 625	GC-MS	Benzo(g,h,i)perylene
Aqueous	EPA 625	GC-MS	Benzo(k)fluoranthene
Aqueous	EPA 625	GC-MS	Benzoic acid
Aqueous	EPA 625	GC-MS	Benzyl alcohol
Aqueous	EPA 625	GC-MS	Bis(2-chloroethoxy) methane
Aqueous	EPA 625	GC-MS	Bis(2-chloroethyl) ether
Aqueous	EPA 625	GC-MS	Bis(2-chloroisopropyl) ether
Aqueous	EPA 625	GC-MS	Bis(2-ethylhexyl)phthalate
Aqueous	EPA 625	GC-MS	Butyl benzyl phthalate
Aqueous	EPA 625	GC-MS	Carbazole
Aqueous	EPA 625	GC-MS	Chrysene
Aqueous	EPA 625	GC-MS	Dibenzo(a,h)anthracene
Aqueous	EPA 625	GC-MS	Dibenzofuran
Aqueous	EPA 625	GC-MS	Diethyl phthalate
Aqueous	EPA 625	GC-MS	Dimethyl phthalate
Aqueous	EPA 625	GC-MS	Di-n-butyl phthalate
Aqueous	EPA 625	GC-MS	Di-n-octyl Phthalate
Aqueous	EPA 625	GC-MS	Fluoranthene



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Matrix	Standard/Method	Technology	Analyte
Aqueous	EPA 625	GC-MS	Fluorene
Aqueous	EPA 625	GC-MS	Hexachlorobenzene
Aqueous	EPA 625	GC-MS	Hexachlorobutadiene
Aqueous	EPA 625	GC-MS	Hexachlorocyclopentadiene
Aqueous	EPA 625	GC-MS	Hexachloroethane
Aqueous	EPA 625	GC-MS	Hexachlorophene
Aqueous	EPA 625	GC-MS	Indeno(1,2,3-cd)pyrene
Aqueous	EPA 625	GC-MS	Isophorone
Aqueous	EPA 625	GC-MS	m- & p-Cresol
Aqueous	EPA 625	GC-MS	Naphthalene
Aqueous	EPA 625	GC-MS	Nitrobenzene
Aqueous	EPA 625	GC-MS	Nitroso-N-diethylamine
Aqueous	EPA 625	GC-MS	N-Nitrosodibutylamine
Aqueous	EPA 625	GC-MS	N-Nitrosodimethylamine
Aqueous	EPA 625	GC-MS	N-nitroso-di-n-propylamine
Aqueous	EPA 625	GC-MS	N-Nitrosodiphenylamine
Aqueous	EPA 625	GC-MS	o-Cresol
Aqueous	EPA 625	GC-MS	Pentachlorobenzene
Aqueous	EPA 625	GC-MS	Pentachlorophenol
Aqueous	EPA 625	GC-MS	Phenanthrene
Aqueous	EPA 625	GC-MS	Phenol
Aqueous	EPA 625	GC-MS	Pyrene
Aqueous	EPA 625	GC-MS	Pyridine
Aqueous	EPA 8260C	GC-MS	4-Isopropyltoluene
Aqueous	EPA 8260C	GC-MS	Acrylonitrile
Aqueous	EPA 8260C	GC-MS	Chloromethane
Aqueous	EPA 8260C	GC-MS	Heptane
Aqueous	EPA 8260C	GC-MS	Hexane
Aqueous	EPA 9014	Distillation/Spectrophotometric	Cyanide, Amenable
Aqueous	EPA 9040C	Electrometric	pH
Aqueous	EPA 9065	Colormetric	Phenols
Aqueous	SM 2340B	ICP	Total Hardness
Aqueous	SM 3500Cr B	Colorimetric	Chromium, Hexavalent
Aqueous	SM 9221E	Fermentation/MPN	Coliform, Fecal
Aqueous	SM 9222B	MF	Coliform, Total



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Matrix	Standard/Method	Technology	Analyte
Aqueous	SM 9222D	MF	Coliform, Fecal
Aqueous	SM 9222G	MF	E. coli
Aqueous	SM 9230C	MF	Fecal Streptococci/ Enterococci
Solid	EPA 420.1/EPA 9065	Colormetric	Phenolics
Solid	EPA 1010A	Closed Cup Tester	Ignitability
Solid	EPA 7471A	CVAA	Mercury
Solid	EPA 8260C	GC-MS	Acrylonitrile
Solid	EPA 8260C	GC-MS	Chloromethane
Solid	EPA 9045D	Electrometric	pH
Aqueous/Solid	EPA 6010C	ICP	Aluminum
Aqueous/Solid	EPA 6010C	ICP	Antimony
Aqueous/Solid	EPA 6010C	ICP	Arsenic
Aqueous/Solid	EPA 6010C	ICP	Barium
Aqueous/Solid	EPA 6010C	ICP	Beryllium
Aqueous/Solid	EPA 6010C	ICP	Boron
Aqueous/Solid	EPA 6010C	ICP	Cadmium
Aqueous/Solid	EPA 6010C	ICP	Calcium
Aqueous/Solid	EPA 6010C	ICP	Chromium
Aqueous/Solid	EPA 6010C	ICP	Cobalt
Aqueous/Solid	EPA 6010C	ICP	Copper
Aqueous/Solid	EPA 6010C	ICP	Iron
Aqueous/Solid	EPA 6010C	ICP	Lead
Aqueous/Solid	EPA 6010C	ICP	Lithium
Aqueous/Solid	EPA 6010C	ICP	Magnesium
Aqueous/Solid	EPA 6010C	ICP	Manganese
Aqueous/Solid	EPA 6010C	ICP	Molybdenum
Aqueous/Solid	EPA 6010C	ICP	Nickel
Aqueous/Solid	EPA 6010C	ICP	Phosphorus
Aqueous/Solid	EPA 6010C	ICP	Potassium
Aqueous/Solid	EPA 6010C	ICP	Selenium
Aqueous/Solid	EPA 6010C	ICP	Silica
Aqueous/Solid	EPA 6010C	ICP	Silicon
Aqueous/Solid	EPA 6010C	ICP	Silver
Aqueous/Solid	EPA 6010C	ICP	Sodium
Aqueous/Solid	EPA 6010C	ICP	Strontium



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ISO/IEC 17025:2017 and DoD-ELAP

A & B Environmental Services, Inc.
10100 East Freeway, Suite 100, Houston, TX 77029
Contact Name: Almera Rosario Phone: 713-453-6060

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 6010C	ICP	Thallium
Aqueous/Solid	EPA 6010C	ICP	Tin
Aqueous/Solid	EPA 6010C	ICP	Titanium
Aqueous/Solid	EPA 6010C	ICP	Vanadium
Aqueous/Solid	EPA 6010C	ICP	Zinc
Aqueous/Solid	EPA 1311	Extraction	TCLP
Aqueous/Solid	EPA 600/R-93/116	PLM	Asbestos
Aqueous/Solid	EPA 6020A	ICP-MS	Aluminum
Aqueous/Solid	EPA 6020A	ICP-MS	Antimony
Aqueous/Solid	EPA 6020A	ICP-MS	Arsenic
Aqueous/Solid	EPA 6020A	ICP-MS	Barium
Aqueous/Solid	EPA 6020A	ICP-MS	Beryllium
Aqueous/Solid	EPA 6020A	ICP-MS	Cadmium
Aqueous/Solid	EPA 6020A	ICP-MS	Calcium
Aqueous/Solid	EPA 6020A	ICP-MS	Chromium
Aqueous/Solid	EPA 6020A	ICP-MS	Cobalt
Aqueous/Solid	EPA 6020A	ICP-MS	Copper
Aqueous/Solid	EPA 6020A	ICP-MS	Iron
Aqueous/Solid	EPA 6020A	ICP-MS	Lead
Aqueous/Solid	EPA 6020A	ICP-MS	Magnesium
Aqueous/Solid	EPA 6020A	ICP-MS	Manganese
Aqueous/Solid	EPA 6020A	ICP-MS	Molybdenum
Aqueous/Solid	EPA 6020A	ICP-MS	Nickel
Aqueous/Solid	EPA 6020A	ICP-MS	Potassium
Aqueous/Solid	EPA 6020A	ICP-MS	Selenium
Aqueous/Solid	EPA 6020A	ICP-MS	Silver
Aqueous/Solid	EPA 6020A	ICP-MS	Sodium
Aqueous/Solid	EPA 6020A	ICP-MS	Thallium
Aqueous/Solid	EPA 6020A	ICP-MS	Vanadium
Aqueous/Solid	EPA 6020A	ICP-MS	Zinc
Aqueous/Solid	EPA 7470A	CVAA	Mercury
Aqueous/Solid	EPA 8260C	GC-MS	1,1,1,2-Tetrachloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1,1-Trichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1,2,2-Tetrachloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1,2-Trichloro-1,2,2-trifluoroethane



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260C	GC-MS	1,1,2-Trichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1-Dichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,1-Dichloroethylene
Aqueous/Solid	EPA 8260C	GC-MS	1,1-Dichloropropene
Aqueous/Solid	EPA 8260C	GC-MS	1,2,3-trichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,2,3-Trichloropropane
Aqueous/Solid	EPA 8260C	GC-MS	1,2,4-Trimethylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dibromo-3-chloropropane
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dibromoethane
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dichloroethane
Aqueous/Solid	EPA 8260C	GC-MS	1,2-Dichloropropane
Aqueous/Solid	EPA 8260C	GC-MS	1,3,5-Trimethylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,3-Butadiene
Aqueous/Solid	EPA 8260C	GC-MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,3-Dichloropropane
Aqueous/Solid	EPA 8260C	GC-MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	1,4-Dioxane
Aqueous/Solid	EPA 8260C	GC-MS	2,2-Dichloropropane
Aqueous/Solid	EPA 8260C	GC-MS	2-chloroethylvinyl Ether
Aqueous/Solid	EPA 8260C	GC-MS	2-Chlorotoluene
Aqueous/Solid	EPA 8260C	GC-MS	2-Hexanone
Aqueous/Solid	EPA 8260C	GC-MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8260C	GC-MS	4-Chlorotoluene
Aqueous/Solid	EPA 8260C	GC-MS	Acetone
Aqueous/Solid	EPA 8260C	GC-MS	Acetonitrile
Aqueous/Solid	EPA 8260C	GC-MS	Acrolein
Aqueous/Solid	EPA 8260C	GC-MS	Benzene
Aqueous/Solid	EPA 8260C	GC-MS	Bromobenzene
Aqueous/Solid	EPA 8260C	GC-MS	Bromochloromethane
Aqueous/Solid	EPA 8260C	GC-MS	Bromodichloromethane
Aqueous/Solid	EPA 8260C	GC-MS	Bromoform
Aqueous/Solid	EPA 8260C	GC-MS	Bromomethane
Aqueous/Solid	EPA 8260C	GC-MS	Carbon disulfide
Aqueous/Solid	EPA 8260C	GC-MS	Carbon tetrachloride



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A & B Environmental Services, Inc.
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Contact Name: Almera Rosario Phone: 713-453-6060

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260C	GC-MS	Chlorobenzene
Aqueous/Solid	EPA 8260C	GC-MS	Chloroethane
Aqueous/Solid	EPA 8260C	GC-MS	Chloroform
Aqueous/Solid	EPA 8260C	GC-MS	cis-1,2-Dichloroethylene
Aqueous/Solid	EPA 8260C	GC-MS	cis-1,3-Dichloropropene
Aqueous/Solid	EPA 8260C	GC-MS	Cyclohexane
Aqueous/Solid	EPA 8260C	GC-MS	Dibromochloromethane
Aqueous/Solid	EPA 8260C	GC-MS	Dibromomethane
Aqueous/Solid	EPA 8260C	GC-MS	Dichlorodifluoromethane
Aqueous/Solid	EPA 8260C	GC-MS	Ethylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8260C	GC-MS	Isopropylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	m- & p-Xylenes
Aqueous/Solid	EPA 8260C	GC-MS	MEK
Aqueous/Solid	EPA 8260C	GC-MS	Methyl Acetate
Aqueous/Solid	EPA 8260C	GC-MS	Methyl Acrylate
Aqueous/Solid	EPA 8260C	GC-MS	Methylcyclohexane
Aqueous/Solid	EPA 8260C	GC-MS	Methylene chloride
Aqueous/Solid	EPA 8260C	GC-MS	MIBK
Aqueous/Solid	EPA 8260C	GC-MS	MTBE
Aqueous/Solid	EPA 8260C	GC-MS	Naphthalene
Aqueous/Solid	EPA 8260C	GC-MS	n-Butylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	n-Propylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	o-Xylene
Aqueous/Solid	EPA 8260C	GC-MS	sec-Butylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	Styrene
Aqueous/Solid	EPA 8260C	GC-MS	t-butylbenzene
Aqueous/Solid	EPA 8260C	GC-MS	Tetrachloroethylene
Aqueous/Solid	EPA 8260C	GC-MS	Toluene
Aqueous/Solid	EPA 8260C	GC-MS	trans-1,2-Dichloroethylene
Aqueous/Solid	EPA 8260C	GC-MS	trans-1,3-Dichloropropene
Aqueous/Solid	EPA 8260C	GC-MS	Trichloroethylene
Aqueous/Solid	EPA 8260C	GC-MS	Trichlorofluoromethane
Aqueous/Solid	EPA 8260C	GC-MS	Vinyl Acetate
Aqueous/Solid	EPA 8260C	GC-MS	Vinyl Chloride



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A & B Environmental Services, Inc.
 10100 East Freeway, Suite 100, Houston, TX 77029
 Contact Name: Almera Rosario Phone: 713-453-6060

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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8260C	GC-MS	Xylenes
Aqueous/Solid	EPA 8270D	GC-MS	1,2,4-Trichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	1,2-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	1,3-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	1,4-Dichlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	2,3,4,6-Tetrachlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4,5-Trichlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4,6-Trichlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dichlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dimethylphenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dinitrophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,4-Dinitrotoluene
Aqueous/Solid	EPA 8270D	GC-MS	2,6-Dichlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2,6-Dinitrotoluene
Aqueous/Solid	EPA 8270D	GC-MS	2-Chloronaphthalene
Aqueous/Solid	EPA 8270D	GC-MS	2-Chlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	2-Methylnaphthalene
Aqueous/Solid	EPA 8270D	GC-MS	2-Methylphenol
Aqueous/Solid	EPA 8270D	GC-MS	2-Nitroaniline
Aqueous/Solid	EPA 8270D	GC-MS	2-Nitrophenol
Aqueous/Solid	EPA 8270D	GC-MS	3- & 4-Methylphenols
Aqueous/Solid	EPA 8270D	GC-MS	3,3-Dichlorobenzidine
Aqueous/Solid	EPA 8270D	GC-MS	3-Nitroaniline
Aqueous/Solid	EPA 8270D	GC-MS	4,6-Dinitro-2-methylphenol
Aqueous/Solid	EPA 8270D	GC-MS	4-Bromophenyl phenyl ether
Aqueous/Solid	EPA 8270D	GC-MS	4-Chloro-3-methylphenol
Aqueous/Solid	EPA 8270D	GC-MS	4-Chloroaniline
Aqueous/Solid	EPA 8270D	GC-MS	4-Chlorophenyl phenyl ether
Aqueous/Solid	EPA 8270D	GC-MS	4-Nitroaniline
Aqueous/Solid	EPA 8270D	GC-MS	4-Nitrophenol
Aqueous/Solid	EPA 8270D	GC-MS	Acenaphthene
Aqueous/Solid	EPA 8270D	GC-MS	Acenaphthylene
Aqueous/Solid	EPA 8270D	GC-MS	Acetophenone
Aqueous/Solid	EPA 8270D	GC-MS	Aniline
Aqueous/Solid	EPA 8270D	GC-MS	Anthracene



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

Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D	GC-MS	Benzidine
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(a)anthracene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(a)pyrene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(b)fluoranthene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(g,h,i)perylene
Aqueous/Solid	EPA 8270D	GC-MS	Benzo(k)fluoranthene
Aqueous/Solid	EPA 8270D	GC-MS	Benzoic acid
Aqueous/Solid	EPA 8270D	GC-MS	Benzyl alcohol
Aqueous/Solid	EPA 8270D	GC-MS	Biphenyl
Aqueous/Solid	EPA 8270D	GC-MS	Bis(2-chloroethoxy) methane
Aqueous/Solid	EPA 8270D	GC-MS	Bis(2-chloroethyl) ether
Aqueous/Solid	EPA 8270D	GC-MS	Bis(2-chloroisopropyl) ether
Aqueous/Solid	EPA 8270D	GC-MS	Bis(2-ethylhexyl)phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Butyl benzyl phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Carbazole
Aqueous/Solid	EPA 8270D	GC-MS	Chrysene
Aqueous/Solid	EPA 8270D	GC-MS	Dibenzo(a,h)anthracene
Aqueous/Solid	EPA 8270D	GC-MS	Dibenzofuran
Aqueous/Solid	EPA 8270D	GC-MS	Diethyl phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Dimethyl phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Di-n-butyl phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Di-n-octyl Phthalate
Aqueous/Solid	EPA 8270D	GC-MS	Fluoranthene
Aqueous/Solid	EPA 8270D	GC-MS	Fluorene
Aqueous/Solid	EPA 8270D	GC-MS	Hexachlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	Hexachlorobutadiene
Aqueous/Solid	EPA 8270D	GC-MS	Hexachlorocyclopentadiene
Aqueous/Solid	EPA 8270D	GC-MS	Hexachloroethane
Aqueous/Solid	EPA 8270D	GC-MS	Indeno(1,2,3-cd)pyrene
Aqueous/Solid	EPA 8270D	GC-MS	Isophorone
Aqueous/Solid	EPA 8270D	GC-MS	Naphthalene
Aqueous/Solid	EPA 8270D	GC-MS	Nitrobenzene
Aqueous/Solid	EPA 8270D	GC-MS	N-Nitrosodimethylamine
Aqueous/Solid	EPA 8270D	GC-MS	N-nitroso-di-n-propylamine
Aqueous/Solid	EPA 8270D	GC-MS	N-Nitrosodiphenylamine



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Matrix	Standard/Method	Technology	Analyte
Aqueous/Solid	EPA 8270D	GC-MS	Pentachlorobenzene
Aqueous/Solid	EPA 8270D	GC-MS	Pentachlorophenol
Aqueous/Solid	EPA 8270D	GC-MS	Phenanthrene
Aqueous/Solid	EPA 8270D	GC-MS	Phenol
Aqueous/Solid	EPA 8270D	GC-MS	Pyrene
Aqueous/Solid	EPA 8270D	GC-MS	Pyridine
Aqueous/Solid	EPA 8310	HPLC	Acenaphthene
Aqueous/Solid	EPA 8310	HPLC	Acenaphthylene
Aqueous/Solid	EPA 8310	HPLC	Anthracene
Aqueous/Solid	EPA 9010	Distillation/spectrophotometric	Cyanide
Aqueous/Solid	EPA 9014	Distillation/spectrophotometric	Cyanide
Aqueous/Solid	EPA 9020B	Combustion/Coulometric	TOX
Aqueous/Solid	EPA 9023	Combustion/Coulometric	EOX
Aqueous/Solid	EPA 9056A	IC	Bromide
Aqueous/Solid	EPA 9056A	IC	Chloride
Aqueous/Solid	EPA 9056A	IC	Fluoride
Aqueous/Solid	EPA 9056A	IC	Nitrate
Aqueous/Solid	EPA 9056A	IC	Nitrate/Nitrite as N
Aqueous/Solid	EPA 9056A	IC	Nitrite
Aqueous/Solid	EPA 9056A	IC	Ortho Phosphate-P
Aqueous/Solid	EPA 9056A	IC	Sulfate
Aqueous/Solid	TX1005	GC-FID	C6-C12
Aqueous/Solid	TX1005	GC-FID	>C12-C28
Aqueous/Solid	TX1005	GC-FID	>C28-C35
Aqueous/Solid	TX1005	GC-FID	Total petroleum Hydrocarbons



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Matrix	Standard/Method	Technology
Aqueous	EPA 3010A	Acid Digestion of Aqueous for Metals
Aqueous	EPA 3005A	Acid Digestion of Waters for Metals
Aqueous	EPA 3510C	Separatory Funnel Liquid/Liquid Extraction
Solid	EPA 3050B	Acid Digestion of Sediments, Sludges, Soils for Metals
Solid	EPA 3550C	Ultrasonic Extraction
Solid	EPA 3545A	Pressurized Fluid Extractions
Solid	EPA 3540C	Soxhlet Extraction
Solid	EPA 5035A	Extraction for VOC in Soil & Waste
Aqueous/Solid	EPA 1311/1311 ZHE	Toxicity Characteristics Leaching Procedure (TCLP)
Aqueous/Solid	EPA 1312	Synthetic Precipitation Leaching Procedure
Aqueous/Solid	EPA 3546	Microwave Extraction
Aqueous/Solid	EPA 5030C	Purge-and-Trap for Aqueous Samples

