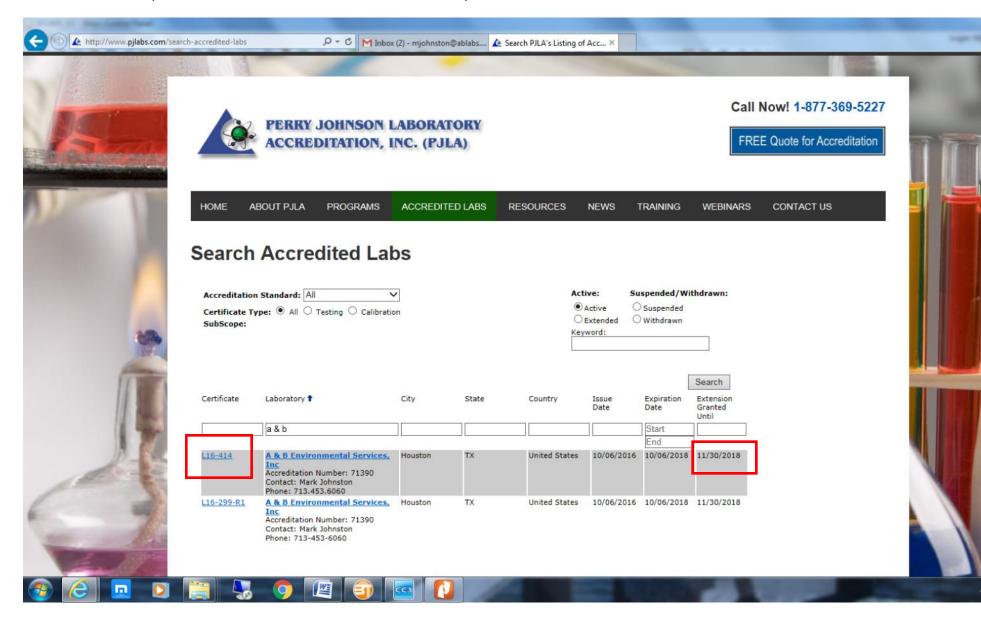
EPA NLLAP and ISO/IEC 17025:2005 extension until November 30, 2018





PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

A & B Environmental Service, Inc. 10100 East Freeway, Suite 100, Houston, TX 77029

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2005

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 January 2009):

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:

Tracy Szerszen

Initial Accreditation Date:

Issue Date:

Expiration Date:

February 10, 2012

October 6, 2016

October 6, 2018

Accreditation No.:

Certificate No.:

71390

L16-414

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

President/Operations Manager

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.pjlabs.com



A & B Environmental Services, Inc.

10100 East Freeway, Suite 100, Houston, TX 77029 Contact Name: Mark Johnston Phone: 713-453-6060

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical ^F	Aqueous	Fluoride	SM 4500FC
		pH	SM 4500H B
		Nitrite-N	SM 4500NO2B
		Dissolved Oxygen	SM 4500O-G
		Sulfide	SM 4500-S D
		Heterotrophic Plate Count	SM 9215B
		Coliform, Total	SM 9223B
		E. coli	
	Drinking Water	Conductance	EPA 120.1
		Total Hardness	EPA 130.2
		pH	EPA 150.1
		TDS	EPA 160.1
		TSS	EPA 160.2
		Aluminum	EPA 200.7
		Antimony	
		Arsenic	
		Barium	
		Beryllium	7-0
		Boron	
		Cadmium	
		Calcium	1
		Chromium	
		Cobalt	
		Copper	
		Iron	
		Lead	
		Lithium	
		Magnesium	
		Manganese	
		Molybdenum	1
		Nickel	1
		Potassium	1
		Selenium	1
		Silicon	1



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FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical ^F	Drinking Water	Silver	EPA 200.7
		Sodium	
		Strontium	
		Thallium	
		Titanium	
		Vanadium	
		Zinc	
		Aluminum	EPA 200.8
		Antimony	
		Arsenic	
		Barium	
		Beryllium	
		Cadmium	
	9	Calcium	
		Chromium	
		Cobalt	
		Copper	
		Iron	
		Lead	
		Magnesium	1
		Manganese	
		Molybdenum	J.
		Nickel	
		Potassium	
		Selenium	
		Silver	
		Sodium	
		Thallium	
		Vanadium	
		Zinc	
		Thorium	
		Uranium	
		Mercury	EPA 245.1
		Bromide	EPA 300.0





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FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical F	Drinking Water	Chloride	EPA 300.0
		Fluoride	
		Nitrate/Nitrite as N	
		Nitrate-N	
		Nitrite-N	
		Ortho Phosphate-P	
		Sulfate	
		Cyanide, Amenable	EPA 335.1
		Cyanide	EPA 335.2
		Fluoride	EPA 340.2
		Monobromoacetic acid	EPA 552.2 1 (1995)
		Bromochloroacetic acid	
		Monochloroacetic acid	
		Dibromoacetic acid	
		Dichloroacetic acid	
		Total haloacetic acids	
		Trichloroacetic acid	
		Total Hardness	SM 2340C
		Conductance	SM 2510B
		TDS	SM 2540C
		Cyanide	SM 4500CNC/E
		Cyanide, Amenable	SM 4500CN-CG
		Fluoride	SM 4500FC
		pН	SM 4500H B
		Nitrite-N	SM 4500NO2B
		1,1,1-Trichloroethane	EPA 524.2
		1,1,2-Trichloroethane	
		1,1-Dichloroethylene	
		1,2,4-Trichlorobenzene	
		1,2-Dichlorobenzene	
		1,2-Dichloroethane	
		1,2-Dichloropropane	
		1,4-Dichlorobenzene	
		Benzene	





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FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical F	Drinking Water	Bromodichloromethane	EPA 524.2
		Bromoform	
		Carbon tetrachloride	
		Chlorobenzene	
		Chloroform	
		cis-1,2-Dichloroethylene	
		Dibromochloromethane	
		Dichloromethane	
		Ethylbenzene	
		m- & p-Xylenes	
		o-Xylene	
		Styrene	
		Tetrachloroethylene	
		Toluene	
		trans-1,2-Dichloroethylene	
		Trichloroethylene	
		TTHMs	
		Vinyl Chloride	
		Xylenes	
		Heterotrophic Plate Count	SM 9215B
		Coliform, Fecal	SM 9221E
		Coliform, Total	SM 9222B
		Coliform, Fecal	SM 9222D
		E. coli	SM 9222G
		E. coli	SM 9223B
	Solid	Chromium, Hexavalent	SM 3500 B-MOD
		Coliform, Fecal	SM 9221E
		Coliform, Total	SM 9222B
		Coliform, Fecal	SM 9222D
		Coliform, Fecal	
		E. coli	SM 9222G
		Ammonia as N	SM 4500 NH3-Dm

^{1.} The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location