



Environmental Diagnostics Laboratory (EDLab), a division of Pure Air Control Services, Inc. (PACS) is pleased to present our Statement of Qualifications for your review. Our services are offered to both the public and private sectors, from entities as large as federal government agencies to small businesses. We are a solution-oriented company with a well-deserved reputation for implementing creative and comprehensive laboratory services for Indoor Air Quality projects. EDLab is committed to providing laboratory services that fully meet or exceed customer expectations in a cost-effective manner.

## STATEMENT OF QUALIFICATIONS

FOR



**Corporate Offices**  
4911 Creekside Dr, Suite C  
Clearwater, FL 33760  
1-800-422-7873  
[www.edlab.org](http://www.edlab.org)



For more information, please visit:  
[www.edlab.org](http://www.edlab.org)



## Company Profile

### About EDLab

Environmental Diagnostics Laboratory (EDLab) is a nationwide, leading environmental microbiology laboratory accredited by the American Industrial Hygiene Association (AIHA).

Founded in 1994 in Clearwater, Florida, EdLab analyzes hundreds of thousands of environmental samples from various location/test sites throughout the world.

EdLab specializes in the field of environmental microbiology, indoor air quality, aerobiology, and allergen testing for environmental specimens. Recently, EdLab has expanded its capabilities in the area of identification and quantification of microorganisms in support of industry and client demands and has developed unique capabilities to perform non-viable fungal analyses of surface samples and air samples by direct microscopy.

Our complete and comprehensive Environmental Diagnostics Laboratory provides you with a wide range of environmental analyses, state of the art equipment, AIHA accreditation, ISO/IEC17025:2005 compliance, QA programs and a highly trained staff committed to quality, timely and legally defensible data. We collaborate with our clients to handle the toughest challenges, maximize results, and anticipate future needs.

Our team of qualified professionals have utilized their experience to create a reputable and reliable environmental microbiology laboratory. Our growth can be attributed directly to the quality of service, satisfaction and appreciation of our wide range of clientele.

Innovation, Efficiency, Performance, that's EDLab.



Dr. Rajiv Sahay, Director

**EDLab**  
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### Certifications/Contracts Include



## Environmental Diagnostics Laboratory

### Analytical Capabilities

EdLab is considered to be one of the country's leading microbiology analytical laboratories, exemplified by the proficiency scores received from its participation in American Industrial Hygiene's association's (AIHA) EMPAT proficiency testing.

EDLab's commitment to quality has enabled it to successfully assist its customers with LEED compliance, USP797 compliance, Indoor Air Quality issues and other related requirements.

#### EDLab Services include:

- Mycology:
  - Molds
  - Yeasts
  - Thermophilic
- Microscopy:
  - Bright field
  - Fluorescent
  - Phase Contrast
- Bacteriology:
  - Aerobic
  - Anaerobic
  - Thermophilic
- Legionella:
  - Culture
  - Fluorescent Antibody
- Aerobiology
  - Bacteria
  - Fungi/Mold
  - Pollen
  - Other airborne particulate
- Immunoassay
  - Endotoxin
  - Exotoxin
  - Mycotoxin
  - Allergens
- Volatile Organic Compounds (VOCs)
- Microbiological VOC's (mVOCs)
- Radon
- Allergen
- Asbestos/Lead: Dove Laboratories
- Gravimetric Analysis
- USP 797 Testing Services
- Other environmental parameters

### Services Explained

EdLab is an accredited (AIHA) laboratory assuring you the highest levels of accuracy and quality. We adhere to the ISO 17025 standards mandated by legal requirements and recognized published methods. EdLab offers complete and comprehensive indoor environmental laboratory services to include: microbiology, aerobiology, allergen assays, asbestos/lead, microscopy and other environmental parameters, designed to meet all your indoor air needs.

#### Microbiology Services

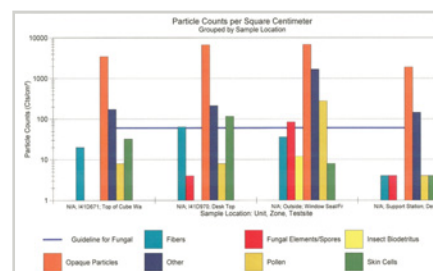
EdLab offers a complete line of analytical services for bacteria such as E.Coli, MRSA, Legionella, bacterial by-products, exotoxin and endotoxin; mycological analysis of mold from bioaerosol, spore trap, surface samples, bulk and water samples; bio-chemical analysis for indoor allergens, bacterial toxin (endotoxin and exotoxin) and mycotoxin; environmental allergen analysis for mites, cockroach, cat, dog and aerobiological analysis for bacteria, fungi, pollen and other aerobiota. Please see our complete list of Microbiology lab services for details.

#### Technical Staff

We retain a multi disciplinary team that includes, PhD aerobiologist, public health specialist, microbiologist, mycology specialists, chemist, Q/A specialist, database manager, and other technicians that are capable of addressing a wide range of client issues.

#### Reporting

Our proprietary database allows us to match analytical results with your relevant field data providing you a clear Report of actual project conditions. We can provide various types of Reports based upon your projects requirements. Reports can be as simple as an analytical report with results only, to more complex Reporting that includes a narrative, analytical results, methods of analysis, detection limits, glossary of terms, charts and graphs, QC data, and supportive documentation including all raw data and chain-of-custody documentation. EDLab provides hard copy reports as well as standard electronic deliverables.



## Environmental Diagnostics Laboratory

### Clients or Projects Highlights:

- General Services Administration
- The Florida Aquarium
- Southern California Schools Risk Management
- Solid Waste Authority
- Progressive Insurance Company
- Environmental Risk and Loss Control
- Boston Green Goods
- State of Florida Dept. of Health



#### The Florida Aquarium

Required the identification of a mold-like growth over a cold water exhibit containing aquatic creatures.



#### Progressive Insurance Company

Analysis of pro-actively collected indoor environmental samples to establish baselines and determine seasonal changes in occupied facilities.



#### Environmental Risk and Loss Control

Critical microbiological analysis of indoor environmental samples collected for phase I and phase II studies of buildings and facilities.

## Projects and Clients

EDLab understands its clients needs... accurate and timely analytical results. This formula is the key to successful project management. Laboratory data may help define the scope of work, levels of worker and occupant protection, as well as remediation plans, so it's critical that you get data you can depend on.

We also understand that our reputation and success are directly related to our technical staff. And as such, we retain a multidisciplinary team that includes PhD aerobiologist, microbiologist, engineers, industrial hygienists, biologists, public health specialist and technicians that are capable of addressing a wide range of client issues.

Our clients are from the public and private sectors and include Fortune 500 companies along with Government agencies both federal and local. A partial list of satisfied clients and completed projects are listed on the next pages and others can be made available upon request.

### Client Confidentiality

All lab samples and assignments received by EDLab are confidential. Thus, all data and sample materials collected and results obtained are held in confidence, subject to disclosure required by law or legal process. EDLab does not release data or reports to any third party without written consent from the client.

**EDLab - Your trusted, scientific solution for today and tomorrow's Indoor Air Quality Concerns.**

## EDLab Testimonial

### Florida Refrigeration & Air Conditioning Contractors Association

*"I would like to thank you for sharing your presentation... We are very pleased with the feedback from the participants and have received numerous comments indicating this was the best education conference they had ever attended. It was evident that you put much thought and preparation into your presentation and it was a job well done!"*

**- Cheryl Harris, Executive Director**

*Environmental Diagnostics Laboratory*

**Partial List of Clients**

**GOVERNMENT – Federal and Local**

- General Services Admin (GSA) FL, AL
- Florida Dept. Of Health FL
- Pasco County Government FL
- Leon County Facilities Mgmt FL
- FL Dept. of Children & Families FL
- City of Punta Gorda FL
- Louisiana Air National Guard LA
- National Forest in Florida FL
- City of Edgewater FL
- City of North Lauderdale FL
- City of Vero Beach FL
- City of Boca Raton FL
- Collier County Government FL
- St. Johns County Government FL
- Sarasota County Government FL
- Hillsborough Government FL
- Alachua County Government FL
- City of West Palm Beach FL
- City of Hollywood FL
- United States Coast Guard MLCA
- USAF BAE

**SCHOOLS**

- S. CA Schools Risk Mgmt. CA
- Indian River Community College FL
- St. Lucie County School Board FL
- Hardee County School Board FL
- Orange Unified School District CA
- Capistrano Unified School Dist. CA
- Ontario-MontClaire School Dist. CA
- Daytona Beach Comm College FL
- Collier County School Board FL
- Hernando County School Board FL
- Pinellas County School Board FL

**INSURANCE**

- Allstate Insurance FL, TX, LA, MS
- Progressive Insurance Company FL, OH

**HOSPITAL/HEALTH CARE**

- NCH Healthcare FL
- Watson Clinic FL
- Broward General Medical Center FL
- Good Shepherd Clinical Lab FL
- Genesis ElderCare Network FL
- Clearwater Community Hospital FL
- Winter Haven Hospital FL
- Shands Hospital FL
- V.A. Medical Center FL
- Martin Memorial Health System FL
- Fawcett Memorial Hospital FL
- Halifax Medical Center FL
- Sandy Pines Children's Hospital FL
- Plantation General Hospital FL
- Imperial Point Medical Center FL
- Arnold Palmer Hospital FL
- Osceola Regional Medical Center FL
- Salick Health Care, Inc. CA
- Bayfront Medical Center FL
- JFK Medical Center FL
- Ocala Pediatrics FL
- Martin Memorial Health System FL
- VA Medical Center GA
- North Kansas City Hospital MO
- Cardinal Health FL
- SE Alabama Medical Center AL
- Central State Hospital GA
- West Park Hospital WY
- Healthbridge, Inc. NJ
- Baypines VA Healthcare FL

**EDLab Testimonial**

**Florida Department of Health**

*“Fast, efficient, cost effective and reliable are the words that come to mind when using your Environmental Diagnostics Laboratory. In the current conditions of an unregulated IAQ industry, it is a pleasure to deal with a professional indoor air quality organization like Pure Air”*

**- Environmental Specialist II**

## Environmental Diagnostics Laboratory

### Recent Project Experience (Short)

Client Name	Project Name	Amount	Period
• U.S. Army Corps of Engineers	Jadwin	19,000	1/2009 - present
• Building Health Check, LLC	Various	63,652	5/2007 - present
• Progressive Insurance Company	Various	20,931	1/2005 - present
• Florida Aquarium	Aquarium	16,879	1/2004 - present
• Southern California School District	Various	13,000	6/2006 - present
• Palm Beach Community College	College	10,884	2006 - present
• Ivey Mechanical	Various	10,500	7/2008 - present
• Paul G. Rogers Federal Building	U.S. Courthouse	52,089	8/2005 - 1/2008
• Solid Waste Authority	Various	30,210	4/2004 - present
• Collier County Government	Various	101,614	1/2001 - present
• Bahamas Telecommunications	Bahamas Telecom	11,430	1/2009 - present
• Akima Site Ops	Gibbons Federal Courthouse	13,575	8/2005 - 5/2006
• Sarasota County Government	Various	47,537	1/2001 - present
• General Services Administration	Various Courthouses	15,905	4/2005 - present

### Training and Education Services

EdLab is a leader in indoor air quality training and offers a variety of customized IAQ training programs. Our IAQ programs promote awareness, education and certification for professionals. We offer training online and on-site in locations throughout the United States.

**We are Independent Course Providers approved by:**

- State of Florida Department of Business and Professional Regulation Board
  - CILB Provider # 04P0349
- American Council for Accredited Certification (ACAC):



## Environmental Diagnostics Laboratory

### Quality Assurance:

EDLab maintains a strict internal and external quality control/assurance (QA) Program for maintaining the accuracy and validity of each and every test performed by the laboratory. The QA Program is designed to meet or exceed the requirements set forth in the ISO 17025 guidelines, American Industrial Hygiene Association (AIHA), and by our clients.

Method-specific QA/QC requirements are addressed within EDLab's Standard Operating Procedures (SOPs). SOPs are written for all aspects of the laboratory operations from sample login through sample disposal. The QA Program is under the direct supervision of Dr. Rajiv Sahay, a world renowned microbiologist.

The objective of EdLab's QA Policy is to establish consistent and uniform criteria and procedures to be implemented by EdLab Managers.

#### QA Policy Statement

Our Laboratory, Staff and Analytical Services will:

- Meet or exceed our clients expectations
- Be accurate and timely
- Meet or exceed all applicable federal, state, AIHA, and local regulatory requirements.
- Continuously improve equipment/instrumentation, SOP's, methods and administrative, and managerial activities
- Seek only highly qualified individuals for employment opportunities as they arise
- Conduct annual internal assessments of the QA program and laboratory management
- Maintain and make continuous improvements to our state-of-the-art information management system for sample tracking, scheduling, and reporting

### Quality Control:

Samples are analyzed periodically in compliance with laboratory quality assurance program.

#### AIHA EMPAT Proficiency Testing

Ongoing participation in the American Industrial Hygiene Association (AIHA) proficiency testing program e.g. Environmental Proficiency Analytical Testing (EMPAT)

#### AIHA EMPAT Fungal Direct Examination Program

Ongoing participation in AIHA proficiency testing program (fungal spore trap and non-culturable)

#### Round Robin

Pan-American Aerobiological Association (PAAA) Exchange program and ongoing round robin with other EMPAT laboratories for spore trap analysis.

#### Staff Training

Blind Sample, Method Blank Sample, Duplicate Sample, Replicate Sample, Spiked Sample, Positive Control Sample, Negative Control Sample, Split Sample and Standard/Reference Sample. In accordance with AIHA LQAP Policy.

#### Record Retention Policy

EdLab has a formal record retention policy in its Quality Assurance Manual that outlines the period of time various record types, both hard-copy and electronic data, must be retained or archived. Access to archives is securely controlled and documented.



## Recognitions and Industry Contributions

### Insurance

Type	Company	Limitations
General Liability: Prof. & Pollution Included	Steadfast Insurance Co.	2,000,000
Automobile	Harleysville Mutual	1,000,000
Workers Compensation	FCCI Insurance Co.	1,000,000
Mold	Steadfast Insurance Co.	2,000,000

### Certifications, Licenses and Schedules

- AIHA - EDLab was the first environmental laboratory to become accredited, in the state of Florida by the American Industrial Hygiene Association (AIHA) - EMLAP # 102795 (Environmental Microbiology Laboratory Accreditation Program) for laboratory analysis of bacteria and/or fungi in environmental test materials
- Small Business Administration (SBA) certified 8(a) Minority Business Enterprise (MBE)
- General Services Administration (GSA) MAS FSS Contract No. GS-10F-0488R on SINS 899-1, 2

### Industry Contributions

- Forensic Testimony: Expert testimony provided in over 80 indoor air quality legal cases.
- "10-Year Study – Air Quality Guidelines Established for Microbial Assessment of Residential and Commercial Buildings"  
- Presented at the AIHA conference - Anaheim, CA 2005
- "Dynamics of Surficial Mold in Indoor Environments"  
- Presented at the National Conference on Aerobiology, Impdaol, India & at the AIHA conference - Toronto, Canada 2009
- Assessment of Surficial Mold in Indoor Environments - Indian J. Aerobiol., Vol 21, No. 1, pp 13-23 (2008)
- Editor and Publisher of: The Micro Review

### Industry Recognitions

- 2008 Top Hispanic Business Award
- 2006 Fast 50 Business Growth Award
- 2006 Hispanic Business 500 Award
- 2006 Fastest Growing Latino Businesses Award
- 2005 25 Top Minority Businesses
- 2005 Frost & Sullivan Award for Product Differentiation Innovation

