



LABORATORY TESTING RELATED TO THE NATURAL GAS INDUSTRY

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Microbac History



Pittsburgh, 1969

Boyce family purchases dairy laboratory and begins endeavor to change laboratory testing business model

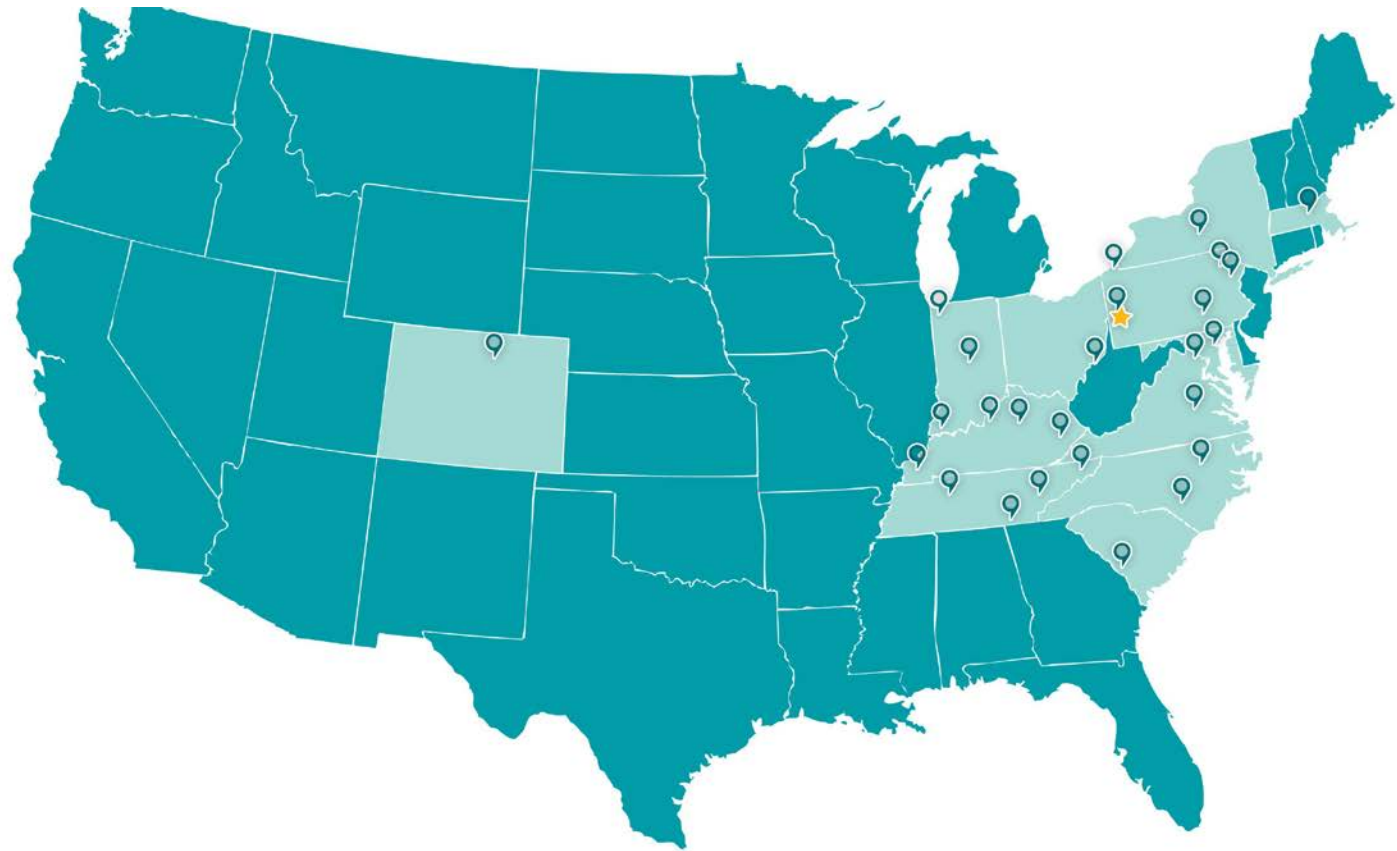
Microbac Today

500+ Employees

- PhD-level scientists with microbiological, chemical, molecular and physical expertise
- Engineers
- Field Services
- Support Staff



Locations



Colorado
Boulder

Indiana
Merrillville
Indianapolis
Evansville

Kentucky
Louisville
Paducah
Lexington
Hazard

Maryland
Baltimore

Massachusetts
Worcester

New York
Cortland

North Carolina
Wilson
Fayetteville

Ohio
Marietta

Pennsylvania
Harrisburg
Erie
Warrendale
Tannersville
Scranton

South Carolina
New Ellenton

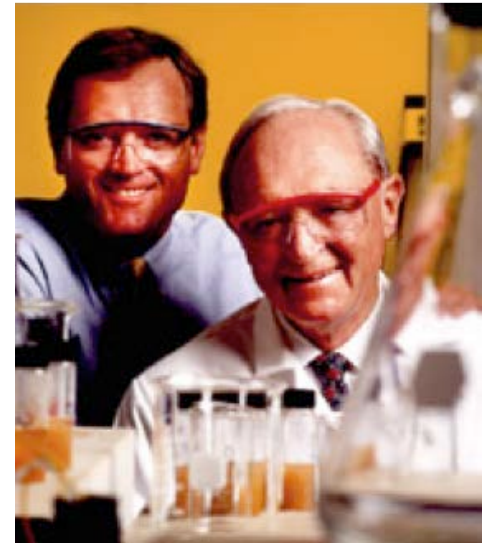
Tennessee
Maryville
Johnson City
Nashville
Chattanooga

Virginia
Sterling
Richmond

★ **Corporate Headquarters**
Pittsburgh, PA

Leadership

- Chairman & CEO Trevor Boyce
- President James Nokes
- Corporate leadership includes quality, technology, operations, business development, marketing, legal, financial and HR
- Managing directors at each location



Chairman & CEO Trevor Boyce with his late father and Microbac founder A. Warne Boyce.

Testing Capabilities

- Environmental Compliance
- Food & Nutritional Analysis
- Pharmaceutical & Life Sciences
- Energy
- Agrochemical
- Consumer Products
- Industrial & Manufactured Products



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Variety of Tests

As the gas industry has developed in Northeastern Pennsylvania, testing has increased in a variety of industries...some you may not even expect!

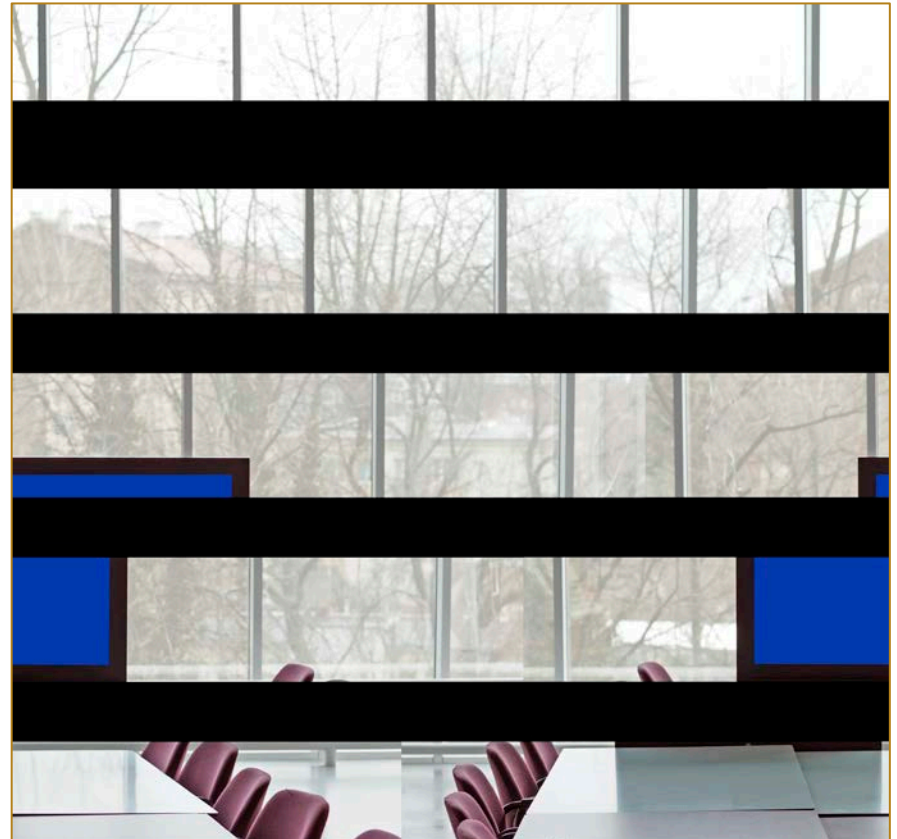


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Who Benefits?

Business & Corporate

- Drilling / Pipeline/ Energy Companies
- Engineering and Consulting Firms
- Real Estate Development and Property Transactions
- Restaurants
- Dry Cleaners, Laundry Mats, Car Wash
- Hotels



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Public & Private

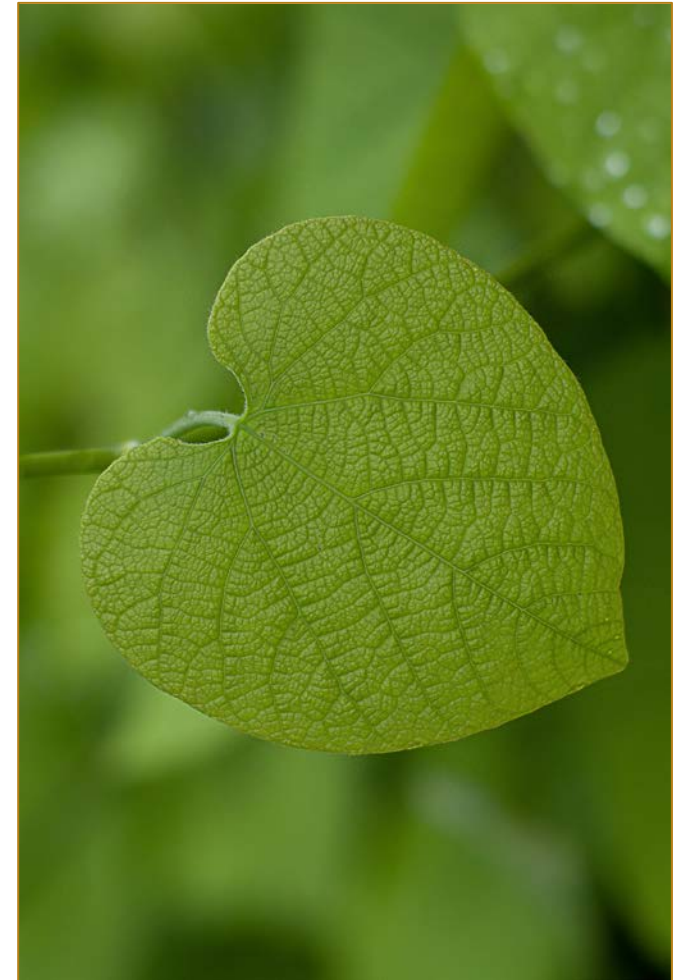
- Private Wells (Homeowners)
- Municipalities (Drinking Water and Wastewater Treatment)
- Schools, Summer Camps and Day Care Providers
- Hospitals
- Hotels
- Government Agencies
- Non-Profit Groups



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Certification

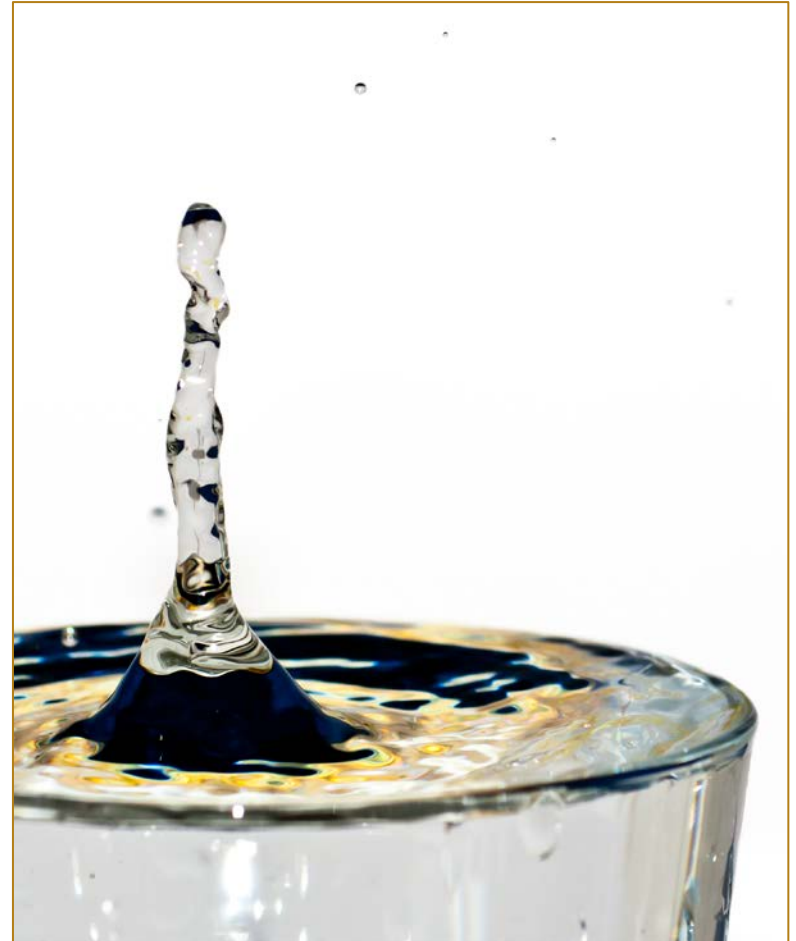
- Laboratories must be certified by PADEP to conduct testing of all environmental samples.
- Many laboratories can be found on the internet that offer these services, but that lack PADEP accreditation, rendering the test results useless.
- Pricing is comparable by most certified laboratories...red flag if pricing is very low!



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Environmental Compliance

- Pre-Drill Water testing:
For Homeowners and Gas Companies
- Stream studies:
To evaluate runoff during and after construction
- Drill cutting analysis:
evaluation for disposal in landfills



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Environmental Compliance

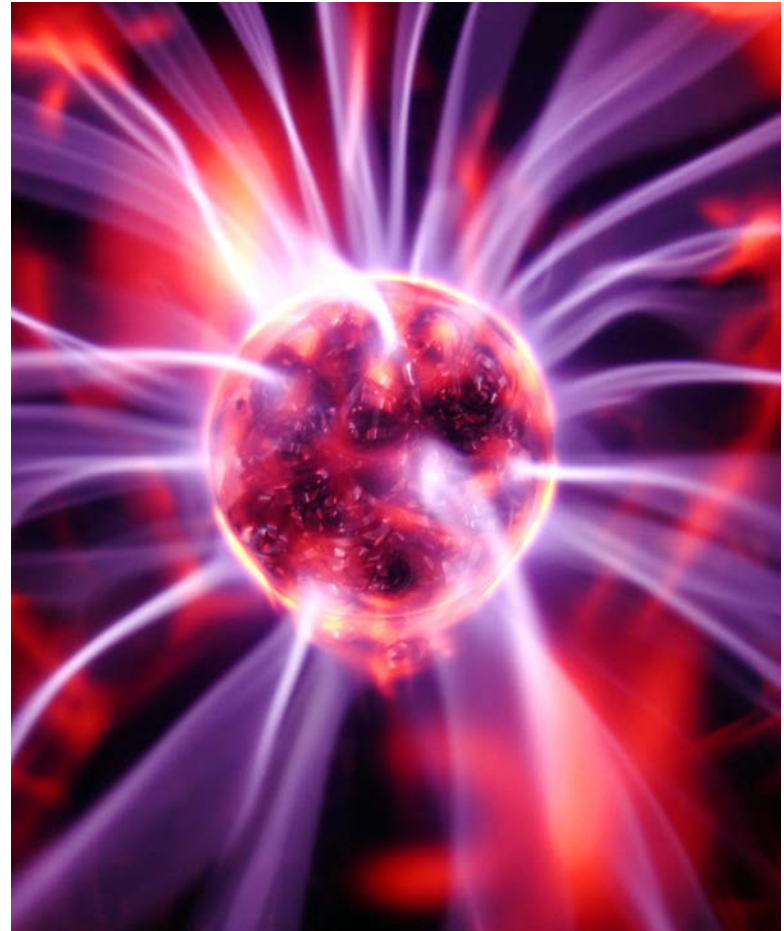
- Waste water analysis:
for treatment and disposal
- Emergency response:
Spill cleanup and testing
- Air monitoring:
to determine levels of product release in the environment



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Energy

- Product Purity
- Pipe durability & failure analysis
- Product Efficacy
- Consumer Products
- Transport Safety and Purity



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Food Analysis

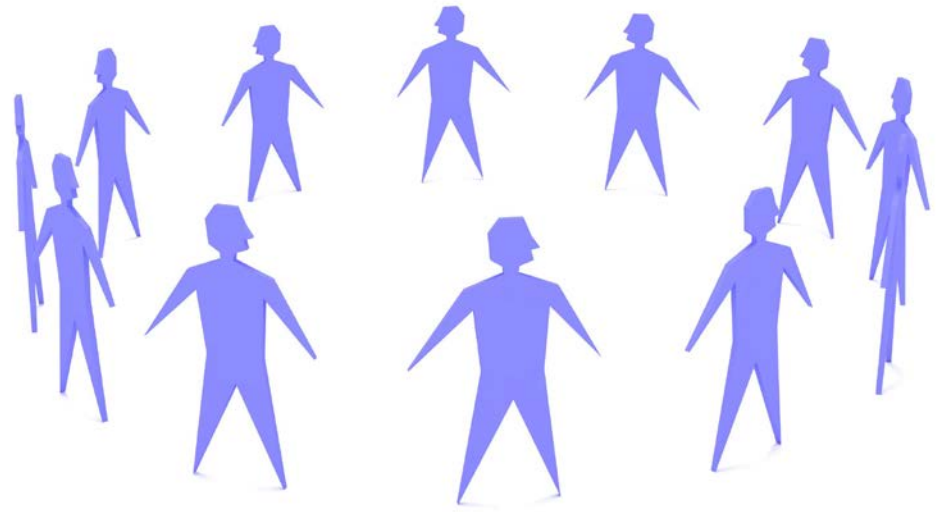
- Food Safety
- Restaurant / Grocery Store
- Soft Serve Ice Cream
- Produce
- Seafood
- Beef



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Additional Services

- Sample Collection and Delivery
- Interpretation of Results
- Assistance with Regulatory Standards
- Product Development
- Safety programs
- Financial analysis
- Training
- Community Outreach
- Education



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