



# STATEMENT OF QUALIFICATIONS



# TABLE OF CONTENTS

3 – Company Profile

4 – Why Select Pace®

6 – Industry Experience

7 – Pace® Analytical Environmental Overview

8 – Service Offerings

12 – Value Added Offerings

13 – Innovation in Sustainability

14 – Quality Management System

16 – Certifications

16 – People Advancing Science

18 – Online Data Access

19 – Locations – A Network of Laboratories to Meet All Your Environment Needs

# COMPANY PROFILE

## Customer Focused; Commitment Driven

### Working Together to Protect What Matters Most

At Pace® Science and Technology Company, our vision is simple: To protect our environment and improve our health. We believe our work is integral to a cleaner, safer planet. We do this in partnership with you by providing the science – and the data – you need to make the right choices for the benefit of all. In working with us, you will find that your Pace® partners are committed to the success of your project.

Pace® Analytical, a division of Pace® Science and Technology company, has been serving businesses, consulting firms, government agencies, and more for decades. Since our founding in 1978, we have listened to our customers and invested in the services, infrastructure, and technologies required to keep up with the growing focus on the environment. We also understand that location matters and are committed to providing personalized, local service backed by the largest, American-owned [laboratory network](#). Pace® provides an unmatched depth and breadth of testing and analytical capabilities - along with professional services for your in-house lab. We have the expertise, capacity, and delivery infrastructure to provide the certified results you require, where and when you need them.

**40+ Years of Innovation**

**100+ Locations**

**500+ Certifications & Accreditations**

**Service Options:  
In-Lab, On-Site, &  
Emergency Response**



## COMMITTED

### The Pace® Promise

We honor our commitments so you can honor yours. We promise to deliver a level of quality that meets your data quality objectives – supported by personal service, ethical standards, data transparency, and the highest level of support possible. This is the foundation of the Pace® Promise.

# CORE PRINCIPLES

## INTEGRITY

Quality is integral to our business and our longevity. We operate our business to the highest degree of ethical standards to deliver defensible data and build your trust in us.

## CUSTOMER COMMITMENT

We understand that the services and data we deliver are mission critical. As such, we will honor our commitments to you, so that you can honor yours.

## INNOVATE

We continuously invest in our business to ensure the quality of our processes, results, and data. We do this not only by investing in our facilities, equipment, and technology but also by researching and adopting new methodologies and responding to demands for new lab services.

## IMPROVE

We manage our adherence to these values through a continuous improvement process adopted from Lean and Six Sigma principles. By continually striving to be better for our clients, employees, and partners, we demonstrate the Pace® Promise and our commitment to the success of your project.



# INDUSTRY AND GOVERNMENT EXPERIENCE AND EXPERTISE

Agriculture

Consultants

Energy

Government (Federal, State, Local)

Manufacturing

Mining

Oil and Gas

Solid Waste, Landfill and  
Resource Management

Transportation

Utilities



AIR

DRINKING WATER

WATER

WASTEWATER

BIOTA

SOIL

SOLID WASTE

LANDFILL

SEDIMENT

## PACE® ANALYTICAL ENVIRONMENTAL SERVICES OVERVIEW

### Standard Environmental Testing Services:

- Volatile Organic Compounds (VOCs)
- Semi-Volatile Organic Compounds (SVOCs)
- Heavy Metals
- Wet Chemistry and Elemental Analysis

### Specialty Environmental Testing Services:

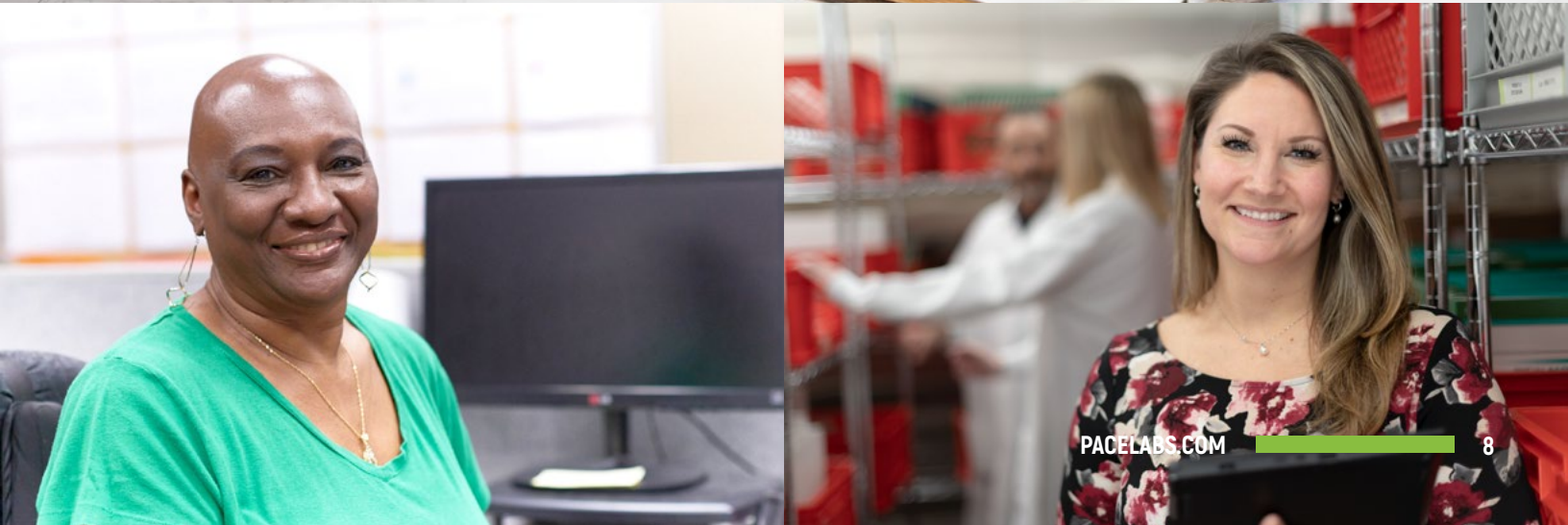
- Air Testing
- Bioassay
- Biota/Sediment
- Dioxin/Furan
- Dissolved Gases Testing
- Drinking Water Analysis/UCMR 5
- Environmental Forensics
- Gas Phase FTIR Services/Field Analytical
- Industrial Hygiene
- Legionella
- Low-Level Mercury Analysis
- Meteorological Monitoring
- Microbiological Analysis
- Mining Analytical Services
- PCB Congener Analysis
- [PFAS Testing and Analysis](#)
- Radiochemical Analysis
- Stack Emissions Testing/Ambient Air
- Vapor Intrusion

# SERVICE OFFERINGS

## Full-Service Environmental Monitoring and Analytical Testing Capabilities

Pace® Analytical supports a wide variety of standard analytical services projects - regardless of scope, complexity, or logistics. Our certifications and accreditations allow us to meet environmental compliance requirements and support engineering investigative studies nationwide.

We operate one of the most diversified commercial analytical laboratory networks in the nation - and we are one of very few firms that can conduct onsite field sampling/monitoring and provide a complete array of [specialty and standard analytical services](#). We take pride in meeting the needs of our customers, both on a national and local level, with exceptional services - from experienced technical sales and responsive project management support, to legally defensible data that is managed through our convenient online reporting system.





# ORGANIC VS. INORGANIC

## Organic Capabilities

- Air Toxics (Vapor Intrusion, Soil/Gas)
- Dioxins/Furans
- Endocrine Disruptors
- Ethene, Ethane, Methane
- Explosives/Chemical Warfare Agents
- Formaldehyde
- PCBs
- Pesticides
- Herbicides
- Volatile Organics
- Semi- Volatile Organics
- GC/MS/MS Pesticides
- GC/MS/SIM/LVI (various applications)
- Incremental Sampling
- LC/MS and LC/MS/MS (various applications)
- NDMA
- Nitrocellulose
- Nitroglycerine
- PETN
- Nitroguanidine
- Oxyanions and Perchlorate
- PCB Congeners
- Petroleum Biomarkers
- Polybrominated Diphenyl Ethers by GC/MS/LVI/SIM
- Sediment/Tissue Chemistry
- Speciated Hydrocarbons
- Synthetic Organic Compounds
- TCLP/SPLP/CAL WET
- Total Petroleum Hydrocarbons
- Vapor Intrusion
- Volatile Organics and Air
- White Phosphorus

## Inorganic Capabilities

- Chemical Separations
- Clean Room Chemistry
- Elutriates - SET, EET, DRET
- General Wet Chemistry
- Hydride Techniques
- ICP/ICPMS Metals
- Low-level Mercury
- Mercury by CV
- Metals Speciation
- Organometallics
- Physical Tests (Grain Size, Atterberg, etc.)
- Sediment/Tissue Chemistry
- Selective Sequential Extractions
- TCLP/SPLP/CAL Wet
- Ultra-trace Metal

# AIR CAPABILITIES



"Wood has had a working relationship with Pace® for several years now. Both their local representatives and the folks at the lab in Massachusetts have always exhibited true professionalism, a positive "can do" attitude, and have been there to serve us with quality lab services every step of the way."

**Rob Foster, Associate Geologist at Wood E&I Solutions Inc.**

## Air Testing Capabilities

- Air Toxics
- Ambient Air
- COVID-19 + Variants
- Indoor Air Quality
- Metals
- Dioxin/Furan
- Volatile Organic Compounds
- Semi-Volatile Organic Compounds
- PCB Analysis
- General Chemistry/Microbiology
- Formaldehyde
- Fixed/Permanent gases

## Air Monitoring Programs

- Fenceline Monitoring
- Landfill Monitoring
- Stack/Emissions
- Vapor Intrusion
- Soil Vapor Extraction Monitoring
- Metrology

## Air Project Support

- Federal Programs DOD, DOE and USACE
- Property Transactions/Phase 1
- MGP Remediation
- Ecological Risk Assessment
- Property Site Investigations
- Impact Studies
- Gas Phase FTIR
- Title V
- CERCLA and RCRA
- Underground Storage Tanks Program
- Industrial Hygiene

# WATER AND SOIL CAPABILITIES

## Water and Soil Testing Capabilities

- 1,4-Dioxane
- NDMA
- Asbestos Testing and Analysis
- COVID-19 + Variants
- Dioxin/Furan/PCB Congeners
- Drinking Water UCMR 5
- Drinking Water: Lead & Copper
- Legionella Testing & Analysis
- Low-Level Mercury Analysis
- PCB Analysis
- [PFAS Testing and Analysis](#)
- Metals
- Volatile and Semi-volatile Organic Compounds
- Synthetic Organic Compounds
- Herbicides
- Pesticides/PCBs

## Water and Soil Programs

- Water Monitoring Services
- Water Quality Analysis
- Hazardous Waste Delisting
- Microbiology Services
- General Chemistry
- Bioassay
- 40CFR Clean Water Act
- Safe Drinking Water Act
- CERCLA and RCRA Support

## Water and Soil Project Support

- Federal Program Support, DOD, DOE and USACE
- Commercial Real Estate Transactions
- Consumer Confidence Reports
- Remedial Investigation and Feasibility Studies
- Property and Manufacturing Site Investigations
- State Private Well Testing Initiatives
- US EPA UCMR 5



# TISSUE (PLANT AND ANIMAL) CAPABILITIES

## Tissue Testing Capabilities

- Dioxin/Furan/PCB Congeners
- Low-Level Mercury Analysis
- PCB Aroclors
- [PFAS Testing and Analysis](#)
- Metals
- PAHs/Semi-volatile Organic Compounds
- Pesticides

## Tissue Project Support

- Federal Program Support, DOD, DOE and USACE
- Remedial Investigation and Feasibility Studies
- Fate and Transport Studies

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# RADIOCHEMICAL CAPABILITIES

## Radiochemical Testing Capabilities

- Precious Metals
- Rare Earth Metals
- Gamma Spectroscopy
- Alpha Spectroscopy
- Liquid Scintillation
- Gross Alpha/Gross Beta

## Radiochemical Programs

- NRC Site Decommissioning
- Department of Defense
- Safe Drinking Water Act
- Clean Water Act
- Coal Combustible Residuals (CCR) Final Rule
- Department of Energy

## Radiochemical Project Support

- Oil & Gas Exploration & Production
- The Global Nuclear Power Industry
- State Private Well Testing Initiatives
- Sediment Dating
- Land Applied Sludge
- Uranium Mining
- Oil & Gas Health and Safety
- EU Import/Export Requirements
- Human Bioassay



# VALUE ADDED OFFERINGS

## Service at your Pace®

Pace® Analytical offers all the laboratory capabilities, credentials, and expertise you would expect from a large lab services company, but with a local presence. Our commitment to continuous improvement includes developing innovative technologies to dramatically improve turnaround times, adding convenient [national laboratory locations](#) for samples, and providing you with instant, online access to your lab data. Pace® Analytical provides a variety of unique and value-added services to accelerate data delivery and/or support your ability to move projects forward, faster.



**Emergency Rapid Response Teams:** We can quickly mobilize and dispatch a team in response to an environmental disaster.



**On-Site Project Management and Field Sampling:** We can have a team on-site to handle bottles, collect samples, and process paperwork for your team.



**Scientific Lab Staffing Services:** We have professionals on hand to augment your staff, to dedicate to new product development, respond to regulatory requirements, and more.

# INNOVATION INITIATIVES FOCUSED ON SUSTAINABILITY

Through our forty plus year journey, our commitment to sustainability and low-impact solutions has not waived. Our research and development teams are continually developing proprietary instrumentation, sampling technologies, and patent-pending processes to reduce waste. These innovations are not only good for the environment, but provide ease and convenience for Pace® customers.

[Reduced Volume Technology](#) is an environmentally friendly micro-extraction method that could reduce time/cost management in the field by reducing sampling time by requiring less volume. Key applications include RCRA remediation, groundwater monitoring, ecological and/or hazardous waste assessments, micro purge sampling, and low flow sampling.

[ezHerbicide®](#) is patent-pending technology that provides faster, more accurate, and greener herbicide residue testing and analysis.

[EZ Soil®](#) converges technology with custom equipment to improve quality while reducing turnaround.

[EZ Cans®](#) is a proprietary air sampling canister that arrives ready to use and virtually eliminates field failures.

[PFAS True TOF®](#) is a Pace® test method that uses faster combustion technology to analyze the total fluorine content. The precise nature of this method requires less sample volume.



# QUALITY MANAGEMENT

The Pace® Quality Management System (QMS) is designed to meet your accreditation, licensing, and certification requirements. Our QMS is based on, and consistent with ISO/IEC 17025: 2017 and the TNI Standard. These Standards outline the required business management and operational practices the international and national testing community have established for environmental testing organizations. Compliance with these standards demonstrates competency, integrity and confidence in data and test results, and ensures activities are carried out in an ethical manner

The Pace® quality team includes over 65 professionals dedicated to managing and continuously improving our quality program to meet both the industry's and your requirements. Pace® compliance and quality professionals are also active participants on industry committees and are in consultation with regulatory bodies to keep abreast of evolving issues.

For more information about the specific QMS for any Pace® location, please contact that laboratory's quality manager. A [listing of our locations](#) with contact information can be found on our website.

# CERTIFICATIONS

Pace® Analytical maintains an extensive list of accreditations and certifications to meet environmental compliance and program requirements at the national and state level.

[View Pace® Analytical Certifications](#)

# PEOPLE ADVANCING SCIENCE

Pace® Analytical scientists and project managers are committed to the success of your project. Part of our commitment to you is to understand your business so we can best advise you and anticipate your needs. We also know communication is important to you and lean toward over-communicating the status and timelines of our work on your behalf. And, as needed, you will have access to experts who can offer advice and guidance based on similar work performed in our labs.

The work you do to improve lives is important to us, too. That's why Pace® invests heavily in the ongoing training of our people and has a dedicated R&D lab that has produced several innovations in methods and sustainable laboratory practices and processes.

## Your Pace® Analytical project team may include:

- **Directors/Manager** - responsible for resource management and efficient delivery of your services.
- **Program Manager** - technical specialists who are knowledgeable about emerging technologies, and are often consulted by industry and regulatory bodies to provide expert assistance on a wide range of unique projects.
- **Project Manager** – a dedicated resource that develops a deep understanding of your business and project requirements. Your project manager serves as liaison between you and the laboratory team.
- **Chemists and Lab Technicians** - highly skilled professionals trained in modern analytical procedures.
- **Support Team** – provides you with timely and secure data delivery.

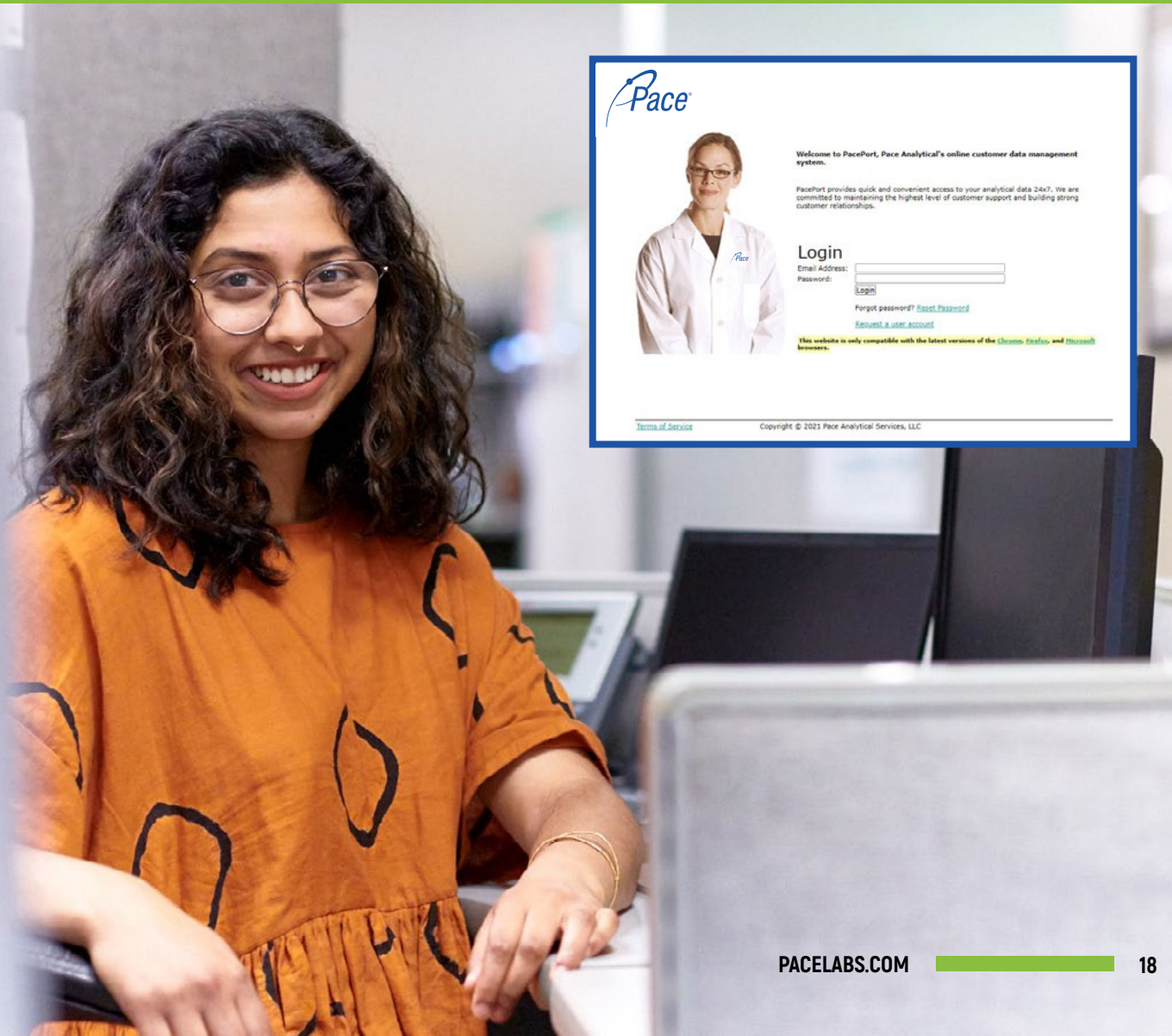




# ONLINE DATA ACCESS

## Online Data Management

Pace<sup>®</sup> Analytical provides convenient online data access and report management services to enable better communication and quicker access to your project-critical information. We offer powerful web-based data management tools designed specifically for you. With up-to-the-minute access to project and test data from your computer, you have a quick and reliable resource for obtaining the information you need – when you need it.





# LOCATIONS – A NETWORK OF LABORATORIES TO MEET ALL YOUR ENVIRONMENTAL AND ANALYTICAL TESTING NEEDS

## Convenient, assessible locations throughout the United States

Headquarters: 1800 Elm Street Southeast, Minneapolis, MN 55414 | 1.612.607.6400

Pace® Analytical customers value laboratory and service center proximity for convenience, quick turnaround times, and when needed, deployment of field service technicians. Our localized level of service backed with our broad capabilities, provides great customer value. As such, we continually analyze customer and market opportunities against our laboratory footprint to ensure we are where you need us. Get the quality results you require; at the Pace® you need. [Contact one of our Corporate Account Program professionals](#) today to learn more.



**3000+**  
Employees

**100+**  
Laboratories and  
Service Centers

**500+**  
Certifications

People Advancing  
Science for over  
40 years

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