Russell E. Erbes, CCM



10044 Granite Hill Drive

Parker, CO 80134

+1 303 748 7190

[rerbes@comcast.net](mailto:rerbes@comcast.net)

Mr. Erbes is a Certified Consulting Meteorologist, and former Chief Technical Officer (CTO) of a major science and engineering consulting firm. As CTO Mr. Erbes was responsible for developing and implementing Quality Management Programs that met a wide variety of client demands, up to and including NQA-1. He was also responsible for developing and implementing a technical development career path program for highly skilled professionals who want to advance within the firm but do not want management positions, the so-called Third Dimension of corporate organizations.

Mr. Erbes has over 40 years of consulting experience, all of which was focused on delivering high quality technical deliverables. As a practicing consulting scientist, he understands the advantages and disadvantages of Quality Management Programs as practically implemented. Also, since he personally became an executive of a major technical consulting firm through the technical career path, he understands the complexity of developing and implementing a system for professionals to advance in other than line management positions.

Mr. Erbes continues to provide air quality consulting services, is a recognized author and lecturer with numerous publications, and has presented at numerous industry and client-based forums. He is author of the hardcover book *A Practical Guide to Air Quality Compliance, Second Edition*, published by John Wiley & Sons.

# WORK HISTORY

2013-present **Practical Enterprise Solutions, LLC / WWRD Consulting LLC**

Chief Executive Officer and Principal Scientist

Practical Enterprise Solutions, LLC was founded to provide a wide variety of management and technical consulting services. WWRD Consulting is a dba for Practical Enterprise Solutions, focusing on air quality technical services. Services provided by Mr. Erbes include:

* Air Quality Technical Consulting Services
* Environmental Consulting Services
* Development and/or Review of Quality Management Programs
* Development and/or Review of Technical Career Path and Development Programs
* Technical Peer Reviews of Businesses

2007 - 2013 **The Kleinfelder Group, Inc.**

Chief Technical Officer

* Overall technical leadership of US based science and engineering consulting firm with nearly $400M in revenue, ranking in the top 40 of US A/E firms and the top 100 of all design firms globally.
* Responsible for developing and implementing a formal Quality Management Program that provided a gradational level of formalism as required by different clients up to and including NQA-1.
* Responsible for developing and implementing technical career path opportunities for advancement of firm professionals.
* Leader of the annual Technical Seminar for five years, a company-wide technical conference at which more than 100 technical papers are presented each year to nearly 1,000 attendees; including clients, teaming partners, strategic acquisitions, and company employees.

2007-2012 **Kakona Captive Insurance Company**

Chairman of the Board, CEO, and President

* Managed a captive insurance company that provided professional liability and general liability coverage for the parent company.
* Developed and implemented a claims reduction program for the parent company that included financial and technical support to evaluate additional safety and technical quality improvement concepts.
* Speaker at the Hawaii Captives Insurance Council Annual Educational Forum on technical loss prevention and quality management.
* Led the evaluation of additional lines of insurance coverage and vehicles for providing such coverage, including captive insurance pools.

1989-2013 **The Kleinfelder Group, Inc.**

Air Quality Program Director

* Built an air quality consulting practice that started in one local office and grew to cover the entire company and services.
* Coordinated air quality consulting services across all functional and geographic lines throughout the company.
* Implemented a quality management program for air quality.
* Provided technical leadership and training for air quality professionals.
* Coordinated with all local and geographic management to grow the air quality practice.

1987-1989 **Geoscience Consultants Ltd.**

Vice President, Program Management

* Led the Project Management line function and staff in an 85-person environmental consulting company
* Specialized in underground storage tank cleanups, hazardous waste management, contaminated soil and groundwater remediation, and air quality consulting.

1977-1987 **Public Service Company of New Mexico.**

Manager, Environmental Regulatory Programs

* Led an 18-person environmental department that focused on environmental regulatory compliance for a large southwestern electric utility.
* Developed and implemented environmental compliance programs for all media: air, water, and hazardous waste.
* Prepared numerous environmental impact assessments and provided expert witness testimony related to those assessments.

1975-1977 **Farmington High School.**

Teacher

* Mathematics and science teacher for Grades 10 through 12

1969-1975 **US Navy.**

Naval Flight Officer

* Combat Information Center Office (CICO) in E-2B Hawkeye, carrier-based airborne early warning and flight control platform.
* NATOPS (quality, accident and loss prevention) Officer
* Legal Officer
* Public Affairs Officer

# EDUCATION

1978 **Colorado State University**

Master of Science Degree

* MS in Atmospheric Science
* Specialty in Cloud Physics

1965-1969 **New Mexico Institute of Mining and Technology**

Bachelor of Science Degree

* BS in Physics
* Specialty in thunderstorm electrification
* Elected student body President
* Winner of the Brown Medal, awarded to the student that best exhibits a combination of academic and leadership accomplishments

# PERSONAL INFORMATION

Citizenship: US

Marital status: married, 12 children

Willing to travel as necessary

Other interests: Photography, woodworking