

CURRICULUM VITAE

Robin D. Franks, P.G., CHMM, RSO
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Experience Summary

- Founded TGE Resources, Inc. (TGE) in 1994
- Presides as the Firm's President & Chief Executive Officer
- More than 30 years of continuous industry experience
- U.S. & International Lecturer
- Manages client-centered technical programs and contracts for local, national, and international client base; multiple Fortune 100/500/10 companies and public sector

Formal Education

- Dual Bachelor of Science Degrees: Geology & Biology (1982) – Stephen F. Austin State University
- Master of Science in Geology (1988) – Stephen F. Austin State University

Primary Areas of Expertise

- Environmental Real Property Transactional & Operational Due Diligence (AAI/ASTM)
- Environmental Compliance & Operational Audit; Permit Preparation
- Emergency Response Program Management for Hazardous Materials Releases
- Preparation, Management & Execution of "Impaired Property" Environmental Reports
- Environmental Considerations for Repurposing Commercial Real Estate
- Loss Preventative, Petroleum/Hazardous Materials System Consulting
- Risk-Based Management of Environmentally Impaired Property – Hazard Mitigation/RIFS
- Built Environment Risk Mitigation Consulting: Asbestos, Lead Paint, Microbial, Industrial Hygiene
- Oil & Gas (E&P) Consulting, Program Management & Well Site Clean-up
- Oilfield Radiation Safety Consulting & Remediation (NORMs Consulting/Remediation)
- Conceptual Cost Estimating, Expert Witness, Peer Review, Client (Agency) Representation

Active Professional Credentials, Registrations, and Licensing

- State of Texas Professional Geoscientist – (TxPG #875)
- Professional Geologist – Mississippi (MsPG #0778)
- Professional Geologist – Tennessee (TnPG #3213)
- Professional Geoscientist – Louisiana (LaPG #532)
- Institute of Hazardous Materials Management Certification (IHMM) Master Level CHMM #3725
- Texas Commission on Environmental Quality (TCEQ) Corrective Action Project Manager (CAPM #642)
- Radiation Safety Officer (RSO) & NORMs Surveyor & Remediation Supervisor (Fed. NRC Compliant)
- Texas Department of State Health Services (TDSHS) - Licensed Individual Asbestos Consultant (LIAC #105379) – Inspector; Abatement Designer/Planner; Air Monitor
- TDSHS Certified Lead Abatement Supervisor (#2080002)
- Texas Department of Licensing & Regulation Mold Assessment Consultant (Tx MAC #270)
- Arkansas DEQ – Asbestos Certification (#015166) – Inspector; Designer; Management Planner
- Florida Department of Business and Professional Regulation – Mold Assessor (#MRSA1712)

Industry-Specific Focus

Ms. Franks' professional experience and industry-specific knowledge is leveraged across diverse markets and settings; she has extensive professional services capabilities in the following highly regulated industries, among others:

- **Transportation** – Airlines/Airports; Mass Transit; Roadways; Ports/Shipyards

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- **Energy** – Oil & Gas; Comprehensive Up, Mid & Downstream; Bulk Facilities; Pipelines
- **Manufacturing** – Foundries, Iron Works, Specialty Metal Works, Plating/Coating, Printing
- **Chemical & Petrochemical** – Plastics, Resins, Specialty Blending, Coating
- **Pharmaceutical** – R&D, Laboratory, Cosmeceutical, Distribution & Disposal Facilities
- **Wood Works** – Mills, Specialty Coating and Treatment Plants, Manufacturing
- **Recyclers & Re-claimers** - Used Oil, Plastics, “Beneficial” Re-use for Energy & Roadways
- **Financial** – Lenders, Underwriters, Mortgagees, Lien Holders, Special Interest Parties
- **Auto** – Dealerships; Auto & Truck Sales and Service
- **Healthcare** – Full-Service Hospitals; Emergency Clinics, Specialty-Use Facilities
- **Education** – Private & State Universities, Public Education, Specialty-use Laboratories & Shops
- **Specialty Programs** - Brownfields Redevelopment & Urban Core Reuse/Re-purposed Facilities

Professional Memberships

- Advisory Board for the Department of Earth Sciences and Geologic Resources (Department of Geology) Stephen F. Austin State University – 2023
- Houston Chapter of Certified Hazardous Materials Managers (CHMM) – Past President/Trainer
- Institute for Hazardous Materials Managers (IHMM)
- ASTM International – Committee Member E1527
- National Association of Environmental Professionals (NAEP)
- Air and Waste Management Association (AWMA)
- American Industrial Hygiene Association (AIHA)
- Indoor Air Quality Association (IAQA)
- National Groundwater Association (NGWA)
- Association of Environmental and Engineering Geologists (AEG)
- Texas Association of Environmental Professionals (TAEP)
- Geological Society of America (GSA)
- Environmental Bankers Association (EBA) - Consultant Associate

Specialty Business Memberships

- Commercial Real Estate Women (CREW)
- National Women’s Business Owners Corporation (NWBOC)
- Women Business Enterprise Alliance (WBEA)
- Women’s Business Enterprise National Alliance (WBENC)
- U.S. Women’s Chamber of Commerce/Houston Women’s Chamber
- Women’s Presidents Organization (WPO)

Employment History

TGE Resources, Inc. (TGE) 1994 to Present

President, Founder & CEO

President & CEO of TGE Resources, Inc., Ms. Franks founded the firm over 28 years ago. TGE is a Texas HUB, and a WBENC/SBA Certified Woman-Owned Small Business that provides professional services to the public & private sectors including Fortune 500/100/10s; real estate equity owners; property developers; municipalities; & the government. She is responsible for guiding the firm's vision and its overall financial performance, contracts review, client development, and senior technical review of work products as the firm's Principal in Charge. Technical areas of personal expertise include:

- environmental investigation for real property (Phase Is, IIs, & corrective action/remediation);
- “built environment” & industry-specific industrial hygiene (asbestos, mold, lead, & other hazards);
- remediation of materially impacted commercial/industrial urban core land & built environments under complex risk-based corrective action programs to evidence “ready for reuse” status;
- preparation, training, and implementation services for industry-specific environmental compliance programs across regulated industries;
- up-to-downstream project experience & troubleshooting within active & “orphaned” Exploration & Production (E&P) leases, fields, & assets;
- E&P program audit & mitigation for active bulk fuel transportation, storage, & dispensing facilities;
- assessment & expedited clean-up of NORM (low level radioactive) disposal areas;

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- well site and portfolio project cost estimating for clean-up of E&P facilities;
- emergency and “first responder” logistics management for hydrocarbon releases (up to downstream) including fuel transport, bulk storage, & retail/dispensing facilities; and
- cost effective mitigation planning, construction oversight, & professional reporting to remove/control impacted media (wastes, soil, groundwater, soil vapor) to safely advance site redevelopment.

With her IH and remediation capability, as well as her knowledge in hazardous materials management, Ms. Franks is a recognized thought leader in the identification and cost-effective control of environmental concerns/hazards associated with buildings and land. Ms. Franks consults with clients in responsible handling of hazardous materials/wastes, asbestos-containing materials, microbial (mold) concerns, lead-based paint, and radiation hazards - to either mitigate/reduce the risk of occupant complaint or to facilitate their efficient removal to advance redevelopment. This work has involved tens of thousands of building surveys, specialty risk assessments and forensic investigations, and application of both industry standard practices and problem-solving innovations.

Ms. Franks has served new & existing clients as an expert and fact witness as needs have arisen for firm projects or as exclusively engaged. Work in this area has resulted in a case load near evenly split between plaintiff and defense. Her litigation support and expert witness engagements have involved work across all primary firm service segments. She routinely provides review and rebuttal of expert reports by others and expert reports and declarative statements for clients. Ms. Franks has delivered oral and written deposition and has rendered technical assistance during mediation and arbitration. She has attended multiple hearings pre-trial, testified during bench trial for alleged environmental crime, has regularly testified under oath, and has rendered expert testimony at trial.

ATEC Associates, Inc. (dba ATEC Environmental Consultants) - 1989 to 1994

District Manager/Associate V.P.

Founded Houston, Texas office for 52 office firm, formerly headquartered in Indianapolis, Indiana. Full P&L, staffing, client management/maintenance responsibility for all work generated in the S/SE Texas market. Recognized on multiple occasions and awarded for rapid growth, profitability, quality of work, and excellent client feedback. Grew office/profit center to 4.5M prior to the acquisition of the firm by others. Work involved environmental real estate portfolio management of a national pension fund's Texas and Florida assets. Trained and mentored staff to perform environmental investigations (primarily Phase Is and Phase IIs) across southern U.S. Established and managed a large remediation project involving petroleum hydrocarbon clean-up for a commercial property to be repurposed as a branch bank. Performed, managed, and trained staff to execute asbestos and Indoor Air Quality projects for portfolios (hospitals, schools, and commercial buildings).

Jones & Neuse, Inc. (RMT) 1988 – 1989

Environmental Coordinator/Geologist

Performed environmental real estate contamination investigations for industrial property, with special emphasis on repurposing property along the Houston Ship Channel and Port of Galveston; locations included former ARMCO steel, various shipbuilding facilities, asphalt plants, and heavy manufacturing. Worked closely with stakeholders and development teams in executing and coordinating fieldwork related to RCRA compliance, solid waste management, disposal, and recordkeeping. Responsible for preparing client deliverables (including detailed cost proposals), prepared comprehensive technical reports for agency submission, conducted field sampling and remediation management, performed oversight of contracting groups, attended agency meetings, served as client contact in field and office.

Engineering Science, Inc. (Parsons) 1986 to 1988

Environmental (Staff) Geologist

Field Geologist & technical document preparation for geo sections of RCRA (Part B) permits. Installed multiple groundwater monitor wells for hazardous waste impoundment closures; field-managed waste treatment for impoundment retirement under Part B Permits within multiple industrial plant settings in SE Texas Gulf Coast (Shell DPMC, Crown Central Petroleum, etc.). Prepared and executed Health & Safety-driven field monitoring; coordinated & field-managed subcontractors in dewatering, waste solidification, disposal documentation, etc. Prepared fee estimates for client proposals and conducted multiple underground storage tank pre-closure assessments across the U.S. Performed investigative geo-assessment for Superfund project in Colorado.

Teaching, Lectures, Formal Professional Presentations

- “*Standard Practice Revision Summary of ASTM E1527-21*” – Presented to the Risk Management Department of Comerica Bank – topics: Overview & Application of Practice Revisions in Industry; Changes by Section; Definitions; and Adoption Strategy (March, 2022)
- “*Standard Practice for Environmental Site Assessments: The Phase I & Phase II Process*” Presented to The City of Houston Public Works & Invited Departments – topics: The Due Diligence Process; Required Elements vs. ESA Components; Principals of the Practice; CERCLA & AAI; Principals & Viability; COH Design Manual Review; Example Projects; Q&A (December 2021)
- Members of the Risk Mitigation Workshop – Guest Speaker: “*Processes & Procedures for Testing, Remediating, Certifying Mold-Damaged Single-Family Homes.*” Attendees included Houston Habitat; Tejano Housing and Fifth Ward CDC to name a few. (December 2020)
- “*HVAC COVID-19 Implications - How to Reduce HVAC Transmission Risk - Wal-Mart Stores, Inc. U. S. & International: Risk, Maintenance, Directors, etc.*” (July 2020).
- “*Crisis Management - Deep Cleaning Against Corona Virus & Selecting EPA-Registered Disinfectants for Use; Implications of FIFRA*” - biocide selection procedures (surface compatibility; irritability; employee response; biocide availability, etc.), McDermott Company (March 2020).
- Houston Airport System (HAS) – Presentation: Strategic Testing & Operations Plan – A 12 step process for systematically guiding structures through the demolition/decommissioning process (August 2017).
- BBVA/Jones Lang LaSalle – Presentation: Characterizing & Managing Asbestos in Commercial Buildings: A Property & Construction Manager’s Guide (June 2017)
- BBVA/Jones Lang LaSalle – Presentation: Indoor Air Quality & Mold Considerations for Facility Managers and Construction Project Managers (April 2017)
- The University of Texas Health Science Center (Instructor) – Pre-Certification Training: Institute of Hazardous Materials Managers (2003 to Present): “*Environmental Assessments (ASTM et.al); Petroleum Storage Tank Management; Environmental Regulations and Statutes; Resource Conservation and Recovery Act (RCRA); Federal Insecticide Fungicide and Rodenticide Act (FIFRA); and National Environmental Policy Act (NEPA)*”
- Environmental Banker’s Association: Semi-Annual National Conference: “*Land-Based Well Blowout: A Remediation Case Study (South Louisiana)*” (December 2015)
- Tianjin University (China) “*The International Symposium on Construction of Tianjin*” Presentation/Speaker – “*Proactive Systems & Rapid Response Actions to Reduce & Mitigate Human & Natural Resource Damage Following Catastrophic (Hazardous Materials) Incidents in Industry*” (October 2015)
- Colliers International - Guest Lecturer: “*Changes to Due Diligence Guidance*” (June 2014)
- Comerica, Guest Lecturer: “*Changes to Due Diligence Guidance & the 8 Biggest Failures in Commercial Property Risk Management (And How to Avoid Them)*” (May 2014)
- SEAK, Environmental Litigation Expert: “*Making the Complex Understandable: What Works for Expert Witnesses*” (May 2014)
- Comerica Bank, Guest Lecturer: “*Environmental Risks*” – Training for Loan Officers (September 2012)
- Environmental Bankers Association – Webinar: “*Use of Geophysical Methods to Promote Optimized & Non-Intrusive Environmental Site Assessment*” (October 2010)

- Environmental Bankers Association: “RCRA Implications for Materially Impaired Real Property Assessment – Is a Voluntary Cleanup Program Certificate Attainable and Protective? Implications for Banks upon Foreclosure” (January 2010)
- Forensic Expert Witness Association, Texas Summer Conference – Discussion Panel: “The Valuable Environmental/Engineering Expert Witness: The Lawyer’s Perspective” (July 2009)
- Wal-Mart Stores, Inc., Supplier Development Seminar – Presentation: “The Contracting Process – How to Work for Wal-Mart” (November 2008)
- Comerica Bank, Regional Technical Environmental Seminar – Presentation: “Vapor Intrusion Hazards and Application of the ASTM Standard” (November 2008)
- Environmental Data Resources, Inc. – Panelist: “Due Diligence at Dawn Forum” (April 2008)
- Environmental Banker’s Association – Presentation/Speaker – Semi-Annual National Conference: “Environmental Considerations for Operating Oil & Gas Fields & Facilities” (January 2008)
- Retained Lecturer of the Canadian Consulate – Saskatchewan (SEWAQ) Environmental Conference; Presentation: “Environmental Opportunities in Texas, Louisiana & Mexico” (February 2006)
- American Institute of Architects Houston, 10th Annual “Design for Health” Guest Lecturer: “Infection Control in Architecture” (2005)
- American Institute of Architects Houston – Guest Speaker: “Infection Control in Healthcare and Environmental Considerations for the Built Environment” (2005)
- Comerica Bank, Environmental Risk Management – Guest Speaker: “Environmental Regulations in Texas – An Update” (2004 and 2005)
- Memorial Hermann Healthcare System – Executive Project Manager’s & Property Manager’s Group Meeting: “Environmental Considerations in the Healthcare Environment” (2003 and 2004)
- State Farm Insurance Company – Presentation to Executive Team & Adjusters: “Biocontamination of Building Materials – Identification and Control” (2001 and 2002)
- American Woman’s Society of Certified Public Accountants of Houston (AWSCPA) – Presentation: “Consideration of Environmental Issues in Financial/Tax Reporting” (1998)

Continuing Education and Formal Training

- Mold Licensing Annual Continuing Education – Various Accredited Training Institutions; (1994 to Present)
- Lead Licensing Semi-Annual Continuing Education – Various Accredited Training Institutions; (1994 to Present)
- Asbestos Licensing Annual Continuing Education – Various Accredited Training Institutions; (1988 to Present – Annual Training)
- Arkansas Asbestos Awareness Training – Enviro/Con Services, Inc., Houston, TX (2006 to Present)
- Texas Board of Professional Geoscientists Ethics Training (2003 to Present)
- Exxon/Mobil – Safety Training - Certified/Badged (2017)
- Shell Oil-Sponsored Continuous Improvement Course – WBEA, The Bullard Group (2013)
- Expert and Attorney Viewpoints on Forensic Services – FEWA, Houston, TX (2012)
- NORM Surveyor Training (Refresher) – S.E.O.T., Houston, TX (2011)
- Hazardous Waste Operations & Emergency Response – National Environmental Trainers (2011)
- Vapor Intrusion Pathway - A Practical Guide: Interstate Technology & Regulatory Council (2011)
- Advanced Testifying Skills for Experts – SEAK (2009)
- Hazardous Waste Operations & Emergency Response – National Environmental Trainers (2009)
- Environmental Challenges & Innovations – Texas Association of Environmental Professionals

- (TAEP), Gulf Coast Conference, Houston, TX (2009)
- Environmental Ethics: Rice University (TAEP Gulf Coast Conference), Houston, TX (2009)
- Corrective Action Response Under the Texas Risk Reduction Program (TRRP) – TCEQ Training Program (CAPM) (2008)
- NORM Surveyor Training (Refresher) – S.E.O.T., Beaumont, TX (2008)
- “Staying Ahead of the Curve in Today’s Environmental Due Diligence Market” – EDR, Houston, TX (2008)
- “ASTM E 2600 Standard for Assessment of Vapor Intrusion Training” – Houston, TX (2008)
- The University of Texas CMBA – Management Program – McCombs School of Business, The University of Texas at Austin, TX (2008)
- TCEQ Approved Training for Corrective Action Project Managers (CAPM) – Eagle Training, Dallas, TX (2008)
- “Fuels & Chlorinated Solvents Natural Attenuation and Computer Modeling Applications” – University of Houston, Houston, TX (2006)
- “Environmental Forensics: Methods and Applications” – NGWA, Houston, TX (2006)
- “Introductory Statistics for Environmental Professionals” – NGWA, Houston, TX (2006)
- Louisiana Asbestos Abatement Rules & Regulations Training – Enviro/Con Services, Inc., Houston, TX (2006)
- “ASTM All Appropriate Inquiry” & “ASTM Practical Implementation of Environmental Due Diligence” – EBA Semi-Annual Conference, Scottsdale, AZ (2006)
- “Words and Phrases: An Explanation of Real Estate Terminology (MCE Course # 01-00-037-3965)” – Fulbright & Jaworski. LLP (2005)
- The University of Texas CMBA Management Program – McCombs School of Business, University of Texas at Austin, TX (2005)
- “Real Estate Due Diligence Assessment” – National Association of Environmental Professionals (NAEP), Texas A&M College Station, TX (2004)
- “Fuels and Chlorinated Solvents, Natural Attenuation and Computer Modeling Applications” – University of Houston, Houston, TX (2004)
- Radiation Safety Officer Great Plains Area – S.C.A.T, Beaumont, TX (2004)
- Radiation Safety Officer Domestic & International – S.E.O.T, Beaumont, TX (2004)
- NORM Surveyor w/Supervisor – S.E.O.T., Beaumont, TX (2004)
- NORM Surveyor w/Supervisor–Great Plains Area – S.C.A.T, Beaumont, TX (2004)
- Sixteenth Annual Texas Environmental Superfund Conference – Environmental & Natural Resources Law Section of the State Bar of Texas; TAEP & the American Bar (2004)
- “Introduction to Groundwater Hydrogeology” Under CAPM – Texas A&M University, College Station, TX (2002)
- “Remediation Technology: Application and Case Studies” Under CAPM – Texas A&M University, College Station, TX (2001)
- Rule Training Under TRRP – TCEQ Training Program (CAPM) - GSI Environmental (2001, 2005, 2008 & 2009)
- “Remediation Technology: Introduction and Theory” Under CAPM – Texas A&M University, College Station, TX (2001)
- “Managing Environmental Liability” – Locke, Liddell & Sapp LLP (2000)
- “Real Estate Due Diligence Assessment” – NAEP, Texas A&M College Station, TX (2000)
- “Applied Environmental Statistics” – Darcy Environmental Group, Inc., Houston, TX (1999)
- “Risk-Based Corrective Action: ASTM Guidelines” – University of Houston, Houston, TX (1998)
- “Fracture Rocks: Characterization, Flow & Transport” – Environmental Education Enterprises, Tucson, AZ (1998)
- “Environmental Sampling and Analysis” Under CAPM – Texas A&M University System, San Antonio, TX (1997)
- “Supervision Procedures and Practices for Asbestos Abatement Projects” – Texas A&M University, College Station, TX (1988)
- Hazardous Materials Training – Lamar University, Beaumont, TX (1987)