

**Mr. Harold (Ed) E. von Dran Jr.****Registered Professional Engineer****Texas 92737 / Arkansas 16814 /****Louisiana 40110 / Kansas 23865 (retired)****Ohio 79441 / Wyoming 14710****Certified Energy Manager (Retired)****MS Environmental Science 2002****BS Mechanical Engineering 1988**

PROFESSIONAL SUMMARY

Accomplished Senior Environmental Principal with over 45 years of progressive leadership in environmental and mechanical engineering, project and program management, government acquisitions, and regulatory compliance. Renowned for delivering innovative solutions in environmental studies, remedial design, regulatory negotiations, and critical infrastructure assessment for public and private sector clients. Recognized expert witness by the Texas Railroad Commission and U.S. Circuit Court, with a proven track record of successful client representation in high-stakes environmental litigation and regulatory proceedings.

CORE COMPETENCIES

- Environmental Program/Project Management (Budgets up to \$500M)
- Regulatory Compliance & Government Relations (Federal, State, Local)
- Environmental Impact Assessment & Remediation
- Expert Witness & Litigation Support
- Strategic Planning & Contract Administration
- Infrastructure Assessment & Facility Design
- Health, Safety & Industrial Hygiene
- Team Leadership & Staff Development

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Expert Witness & Regulatory Advocate (2007–Present)

- Represented clients in 12+ cases before the Texas Railroad Commission, TCEQ, and Circuit Courts, providing expert testimony and technical analysis on environmental contamination, noise, air pollution, spills, and facility design.
- Achieved summary judgment in a high-profile oil theft case, and successfully defended/advanced multiple saltwater disposal facility applications against environmental protest.
- Mitigated regulatory penalties, including reducing a \$1.25M OSHA fine to \$250K through technical

intervention and negotiation.

Current (2025) Expert Witness cases

- Pipeline Rupture and Fire – Currently we are involved in a case where poor pipeline maintenance and repair resulted in an explosive rupture of a 10" high pressure natural gas transmission line and conflagration. Our client is seeking unspecified damages for direct and indirect affects of the pipeline fire. On the long term side, we believe our client suffered from low level toxic gas exposure and dermatitis. Short term the property damage and suffering from the proximate pressure wave and loss of use of a significant section of their property. Mr. vonDran has evaluated the damage to the land and provided plausible and likely failure scenario coupled with overall chemical exposure to the occupants. As of July 2025, we await mediation and or litigation
- Construction Defect case – Mr. vonDran and his team used the skills developed evaluating over 225MSF of structures around the globe to assess a cold storage warehouse located in Texas. We developed an extensive facility assessment spanning architecture, engineering and environmental conditions. An analysis of the proposed facility design and its implementation led to numerous construction defects. The major defects included pouring 66,000 SF of concrete with out reinforcing bar, offering refurbished chiller equipment as new, improper installation of the primary fire control riser, and improper installation of protected floor covering (epoxy) in the chilled portion of the warehouse. As of July 2025, we await deposition, and mediation.

President & Chief Engineer, ATEI (Service-Disabled Veteran-Owned Small Business)

Environmental Consulting & Engineering Services | 8 Countries, Guam, & 45 States

- Lead environmental support initiatives for the Department of Defense, VA, and diverse public/private clients, overseeing assessments of 20,000+ military housing and dormitory units.
- Directed design and execution of \$100M+ in renovations and new construction for the VA across 45 states, managing facility assessments for over 225 million sq. ft. and \$5B in recommended improvements.
- Authored 1,200+ Spill Prevention, Control, and Countermeasure (SPCC) Plans, Environmental Assessments, and Stormwater Pollution Prevention Plans for oil & gas and saltwater disposal facilities.
- Designed natural gas fueling stations, saltwater disposal surface facilities, and civil engineering projects for major municipal clients.

SENIOR PROGRAM/PROJECT MANAGER (VARIOUS FEDERAL CONTRACTS)

- Deputy Program Manager, MACTEC 4P+ AFCEE and Lackland AFB A&E Design Contracts: Oversaw \$17M+ in task orders, led cross-functional teams, and ensured contract compliance and performance.
- Principal Investigator/Project Engineer for large-scale environmental site assessments, remediation, and geophysical surveys at Air Force installations and major industrial sites.

- Developed and implemented master schedules and cost models for complex environmental cleanup programs, setting new standards in performance tracking and compliance.

EARLY CAREER: DEFENSE & AEROSPACE ENGINEERING

- Program Manager for major missile and defense system programs (Maverick, Phoenix, AMRAAM, “Star Wars” initiatives), with total program oversight exceeding \$500M.
- Systems Safety Engineer responsible for risk assessment and mitigation in advanced aerospace applications.

SELECTED PROJECT ACHIEVEMENTS

- **Oil Spill Litigation:** Provided forensic analysis and expert testimony leading to favorable judgments and regulatory outcomes.
- **Saltwater Disposal Facility Advocacy:** Successfully navigated regulatory challenges, using environmental sampling and legal argumentation upheld by the Texas Supreme Court.
- **Major Infrastructure Assessments:** Led evaluations of over 225 million sq. ft. of federal facilities, identifying \$5B+ in required upgrades.
- **Remediation & Compliance:** Managed \$2.5M soil remediation project and developed integrated compliance plans for RCRA/CERCLA-regulated sites.

LANGUAGES

- English (Native), German (Conversational)

PUBLICATIONS & PRESENTATIONS

- Geophysical Assessment of Historical Wilson Leonard Site (2002)
- Wire Rope Torque, Ohio Academy of Science (1987)

Specialized Training

Certified Facility Manager Training
Nuclear Hazards Training Course
Mold assessor
Air Force Installation Restoration Program
8-hour annual HAZWOPER refresher
System Safety Management 80-hour course
Hydrogen Sulfide Safety Training
Independent Government Estimating Process
Office Contract Analyst
Cost Reimbursement Contracting
Principles and Practices of Project Management
Cost Engineering and Requirements

Hazardous Materials Management Survey
USAF Bio Environmental Engineering Course
Faculty AF School of Aerospace Medicine
40 hour HAZWOPER
Optimizing Techniques, Taguchi Methods
US Air Force Officer Training School
TSCA 8-hour seminar
NASA Specification soldering
RCRA 8-hour Hazardous Waste Training
Energy Manager Training Course
OSHA 8-hour Manager & Supervisor Course