

Mr. Trojan has 27 years experience in most aspects of the environmental/land development consulting field, stemming from conducting literally hundreds of multi-media environmental projects for land developers, banks, law firms, commercial waste facilities, petroleum refineries, petrochemical sites, oil and gas companies, Superfund sites, , etc.

### **EDUCATION, TRAINING, AND CERTIFICATIONS/LICENSES**

M.S., Geochemistry, 1984, Texas A&M University, College Station, Texas  
B.S., Geology (Sedimentology), 1982, Texas A&M University, College Station, Texas  
Texas Geologist/Hydrogeologist License (License No. 1109)  
Phase I and II qualifications consistent with "AAI" Rule and ASTM E 1527-05  
Classroom studies in surface water hydraulics and water quality, 1999 – 2002  
Risk management seminars, 1999 – 2002  
Contaminant transport and fate modeling training, 1991 – 1994  
OSHA health and safety training, 1986 – Present

### **CAREER SUMMARY**

1997 – Present: Part-time and full-time independent consultant – M. Trojan & Associates (Austin, Texas)  
2000 – 2002: TRC Environmental, Contracted Senior Project Manager, Senior Hydrogeologist (Austin, Texas)  
1999 – 2000: Law Engineering & Environmental, Regional Water and Land Development Specialist (Austin, Texas)  
1997 – 1999: Independent consultant – M. Trojan & Associates (Austin, Texas)  
1984 – 1997: K.W. Brown & Associates, Senior Project Director (College Station, Houston, and Austin, Texas)

### **Property Development**

Mr. Trojan has worked with hundreds of brokers, banks, developers and law firms in addressing liabilities associated with property transactions, land development and land redevelopment statewide. Specialties include screening, environmental clearance for development and pre-development documents/permits such as Storm Water Pollution Prevention Plans (SWPPPs), Water Pollution Abatement Plans (WPAPs), LCRA permits, NEPA-compliant or NEPA-type Environmental Assessments (EAs), City EAs, Environmental Impact Statements (EISs), Edwards Aquifer Recharge Zone geologic (karst features) assessments, Corps of Engineers permit applications, Texas Water Development Board permits, and general field documentation of compliance. Mr. Trojan has provided a variety of services for clients such as major Texas Hill Country developments, large A&E firms, investment firms, land developers, banks, credit unions, law firms, City of Austin, City of Frisco, Federal Emergency Management Agency (FEMA), San Antonio River Authority, and the Texas Railroad Commission.

### **Superfund (CERCLA)**

Mr. Trojan has worked at 10 state and federal Superfund sites nationwide, including five in Texas. His involvement included delineation and evaluation of on-site and off-site soil and groundwater contamination, evaluation of contaminant migration and toxicity to adjacent properties, and preparation of cleanup and land redevelopment plans.

## **General Industry**

Mr. Trojan has 27 years experience in most aspects of environmental compliance and remediation in the industrial sector. He has been involved in literally hundreds of projects at major refineries, petrochemical plants, and commercial waste sites nationwide, many of which were regulated under the Resource Conservation and Recovery Act (RCRA). Mr. Trojan has directly participated in over 25 major RCRA facility investigations and corrective measures studies, 14 waste impoundment closures, and has experience with major soil and groundwater recovery and treatment systems, including the design, installation, and testing of the country's first horizontal well used for groundwater recovery. Included in his remediation background is over 27 years experience at designing, permitting, and operating land treatment systems for a variety of oily wastes and various industrial and municipal bio-sludges, designing and permitting land application systems (spray-irrigation) for disposal of pretreated wastewater at industrial facilities and a gas processing plant. Former clients include major industries such as British Petroleum, Tosco, Texaco, ARCO, USPCI, Chevron, BNSF, CN/IC, Safety Kleen, Waste Management, and GATX.

## **Facility Closures/Demolitions**

Mr. Trojan has prepared closure documents for above- and below-ground demolition of an entire refinery in Indianapolis, Indiana, and provided oversight for complete closure and cleanup of a circuit board manufacturing plant in Colorado Springs, Colorado.

## **Oil and Gas**

Mr. Trojan has conducted dozens of projects for the oil and gas industry, including due diligence of well sites and gathering networks, storm water discharge and Corps of Engineers 404 permitting for construction of new pipelines, and soil and groundwater assessment and cleanup. Clients have included ARCO, EOTT/ENRON, Chevron, Koch Industries, PNM, Pioneer Oil and Gas, and US Liquids.

## **Landfills**

Mr. Trojan's landfill experience spans over nearly two decades. On behalf of several industrial clients, Mr. Trojan conducted comprehensive environmental compliance audits at numerous commercial waste landfills prior to the clients shipping waste to such facilities. In terms of investigation of releases from landfills, Mr. Trojan has participated in comprehensive field investigations at three commercial landfill sites, including at Safety Kleen, Waste Management, BFI, Wayne County Michigan landfill, landfills on two refinery properties, and several municipal landfills.

## **Mining**

Mr. Trojan has conducted several studies of salt impacts on surface water and groundwater at two mine sites in Texas – Atascosa County lignite mine and a former anhydrite mine in Brazoria County. Mr. Trojan also assisted in land reclamation/restoration planning at the TMPA Carlos lignite mine.

## **Technical Litigation Support**

For 14 years Mr. Trojan assisted well-known expert witnesses and law firms in a technical support role on environmental litigation cases, including some of the highest profile environmental litigation cases in the country.

## Health & Safety

Mr. Trojan has prepared numerous Corporate and project-specific health and safety programs/plans for industrial facilities with ongoing operations and for one-time field construction projects. Clients have included Marathon, US Liquids, British Petroleum, City of Austin, Texas Railroad Commission, and numerous builders/developers.

## PROJECT MANAGEMENT

Mr. Trojan has over 24 years experience in technical and administrative project management. Mr. Trojan has managed projects as large as \$1,500,000 and has managed up to 25 technical, field and support staff and numerous subcontractors on any given project.

## PUBLICATIONS, SEMINARS AND PRESENTATIONS

Mr. Trojan has prepared 12 professional (journal) publications and numerous public seminars/presentations. His publications relevant to assessment of properties and general land development/redevelopment include:

- Trojan, M. 2010. Surface Protection of Sensitive Karst Features. Community service seminar developed for investors and developers.
- Trojan, M. 2009. Offsite Critical Environmental Features and their Relevance to Site Development. Community service seminar developed for investors and developers.
- Trojan, M. 2008. Sensitivity Analysis of Naturally-occurring Critical Environmental Features in the Land Acquisition Due Diligence Process. Community service seminar developed for investors and developers.
- Trojan, M. 2007. Contaminant Migration Pathways through Soils and Shallow Bedrock. Seminar developed for the Greater Austin Contractors & Engineers Association (ACEA) and community service seminar for banks/lenders.
- Trojan, M. 2007. Environmental and Geotechnical Assessment of Fill Materials on Properties Under Acquisition – During the Due Diligence Process. Community service seminar developed for banks/lenders.
- Trojan, M. 2007. New “All Appropriate Inquiries” Rules and ASTM E 1527-05 Standard for Conducting Phase I Environmental Site Assessments. Community service seminar developed for banks/lenders.
- Trojan, M. 2007. Overview of ASTM E 1527-05 “Business Environmental Risks.” Community service seminar developed for groups of commercial real estate brokers, developers and builders.
- Trojan, M. 2006. Overview of Federal “All Appropriate Inquiries” Rules and ASTM E 1527-05 Standard Effective November 1, 2006 for Conducting Phase I Environmental Site Assessments. Community service seminar developed for groups of commercial real estate brokers, developers and builders.
- Trojan, M. 2005. Preview of Proposed Changes to Phase I Environmental Site Assessments – New EPA Phase I ESA Requirements and Increased Costs. Community service seminar developed for groups of commercial real estate brokers, developers and builders.

- Trojan, M. 2005. Geologic Assessments and Protection of Sensitive Surface Features over the Edwards Aquifer Recharge Zone. Community service seminar developed for groups of commercial real estate brokers, developers and builders.
- Trojan, M. 2004. Environmental Health & Safety Requirements for Construction Sites. Community service seminar developed for clients and land developer organizations/associations.
- Trojan, M. 2003. Storm Water Pollution Prevention Requirements for Land Development Sites. Community service seminar developed for land development organizations/associations.
- Trojan, M. 2000. Implementation of the Municipal Phase II Storm Water Program. Seminar presented to clients and communities in the Southwest Region. February – May 2000.
- Trojan, M. 1999. Storm Water Protection Seminar. Presented in the Southwest U.S. Region. November and December 1999.
- Trojan, M. 1998. Surface Water and Groundwater Protection over the Edwards Aquifer Recharge Zone. Real Estate Counsel of Austin Committees Sessions. 1998.
- Trojan, M. 1995. Session chair: "Business Risk Management and Environmental Risk Overview." Petro-Safe '95 Conference, January 1995, Houston, Texas.
- Trojan, M. 1995. Strategic Environmental Planning Seminar. Petro-Safe '95 Conference, January 1995, Houston, Texas.
- Unger, M., M. Trojan, G. B. Evans, Jr. and D. C. Anderson. 1989. CERCLA Sites Affected by RCRA: An Overview of the Corrective Action Process. HMCRI 10th National Superfund Conference and Exhibition, Washington DC (1989 Proceedings). pp. 503-511.

## EXAMPLE CLIENTS

### Investors/Developers

Colliers Oxford  
 Oxford Alliance Investments  
 Hill Partners  
 Walton International Group (USA)  
 DBSI  
 La Ventana Development, Marble Falls  
 Portions of Steiner Ranch Development  
 Mark Collins Builders  
 Madison Realty Investors  
 Georgetown South Developments  
 Harbor Ventures Marina

### Engineering Firms/Planners/Consultants

Randall Jones Engineering  
 Austin Civil Engineering  
 Hanrahan-Pritchard Engineering  
 Garrett-Ihnen Civil Engineers

### Real Estate Brokers

CBRE Richard Ellis  
 Keller Williams  
 Caldwell Banker  
 John Lewis Company  
 JB Goodwin  
 Turner Commercial Properties  
 Bolton Real Estate Consultants  
 Sayers & Associates  
 Knight Real Estate  
 Cypress Properties  
 Duncan Commercial  
 Scout Commercial Properties  
 Numerous Independent Brokers

### Home Builders

Celebrate Homes  
 Centex Homes

Carter Burgess  
Gunn & Whittington  
Jackson Galloway Associates  
Land Strategies  
Lockwood, Andrews & Newnam  
Klotz Associates  
LAW Engineering (Mactec)  
PM2i, Inc.  
Prossner & Associates  
Tom Groll Engineering  
Development 2000  
Malcolm Pirnie  
MLA LABS  
Gray-Jansing & Associates  
AECOM

**Public Entities and Public Services**

Leander ISD  
Hays Consolidated ISD  
City of Austin  
Austin-Bergstrom Airport  
City of El Paso  
City of Frisco  
Lockhart Airport  
FEMA  
San Antonio River Authority  
Texas Railroad Commission  
Chisholm Trail Water

**Financial Institutes**

University Federal Credit Union  
Colonial Bank  
Cattleman's National Bank  
First National Bank  
Ironstone Bank  
Regions Bank  
Schwertner State Bank  
Plains Capital Bank  
Texas Capital Bank  
Wells Fargo Bank

**Construction Companies**

JC Evans Construction  
Ranger Construction

**Law Firms**

Baker Botts  
Jenkins & Gilchrist  
Rogers & Whitley

**Industry**

Chevron  
British Petroleum  
Texaco  
US Liquids  
BNSF Railroad  
CN/IC Railroad  
Honda  
Hewlett Packard  
Cellular One  
AT&T