

JEFFREY STEPHEN NEATHERY, P.G.

EDUCATION

Bachelor of Science - Texas A&M University, Engineering Geology, 1985

Master of Science - Texas A&M University, Engineering Geology, 1989

Masters Thesis: Geology and Hydrogeology of the Edwards Aquifer Transition Zone, Bexar County, Texas

EXPERIENCE

Vice President - DNA Geosciences, Inc., 2005 – present

Lecturer – University of Texas at San Antonio – Fall 2006

Partner - Dobson, Neathery & Associates, 2004

Engineering Geologist - InTEC, 2003 – present

Principal - Neathery Environmental Services, 1998 – 2004

Engineering Geologist - Arias & Assoc., 2000 – 2004

Vice President - Neathery & Associates, Inc., 1995 – 1998

Associate - Raba-Kistner Consultants, 1993 – 1995

Project Manager - Raba-Kistner, 1989 – 1993

Engineering Geologist - Raba-Kistner, 1987 – 1989



REGISTRATIONS/CERTIFICATIONS

Registered Geoscientist - State of Texas (PG 40)

Corrective Action Project Manager - Texas Commission on Environmental Quality (CAPM 00777)

PUBLICATIONS

The Cave of the Fourth Dimension, (1997), Christopher C. Mathewson, Lloyd E. Morris and Jeffrey S. Neathery, 32nd Symposium on Engineering Geology and Geotechnical Engineering.

Underground Storage Tank Update, (1992), Texas Environmental Industry Guide, 4th Annual Edition, p. 20

Underground Storage Tanks, (1991), Texas Environmental Industry Guide, 1990-1991, Annual Issue, p. 12

Reconnaissance Technique to Evaluate the Risk of Spillway Channel Erosion, (1987), Bulletin of the Association of Engineering Geologists, Vol. XXIV, No. 1, pp 9-14

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HONORS and ACTIVITIES

San Antonio River Authority

Member, Board of Directors, 2008 – 2009

Member, Fiscal Committee, 2008 - 2009

Member, Communications Committee, 2008 - 2009

San Antonio River Oversight Committee

Member, 1998 – present

Chairman, Design Sub-Committee, Mission (Historic) Reach, 2001 – present

South San Antonio Chamber of Commerce

Member, Advisory Board of Directors, 2004 – present

Member, Board of Directors, 1997 - 1999 and 2001 – 2003

Chairman, Avenidas del Rio Business Corridor Committee, 1997 – 2004

South Texas Geological Society

Member, 2003 - present

Treasurer, 2003 – 2005

Association of Engineering Geologists

Member, 1987 - present

National Level

Editor, AEG News, 1998 – 2004

Douglas R. Piteau Outstanding Young Member Award, 1996

Member, Board of Directors, 1996 – 1998

Chairman, Annual Meeting Advisory Committee, 1994 – 1995

Vice-Chairman, National Annual Meeting, San Antonio, Texas, 1993

Student Paper Contest Winner, Graduate Division, 1986

State Level

Chairman, Texas Section, 1996 – 1998

Vice-Chairman, Texas Section, 1994 – 1996

Editor, Texas Section Newsletter, 1993 – 1994

Chairman, Texas Section Professional Practices Committee, 1992

Chairman, Texas Section Spring Meeting, College Station, Texas, 1987

Best Student Presentation Award, Texas Section Spring Meeting, 1986

Avenidas, Inc.

President & CEO, 1998 – 2002

Brooks AFB Opportunities Task Force

Member, 1997 – 1999

Encino Forest Homeowners Association

President, 1997 – 1998

Member, Board of Directors, 1996 – 1998

Texas A&M University

Recipient, Michel T. Halbouty Scholarship, 1986 - 1987

PROJECT EXPERIENCE

Edwards Aquifer

Mr. Neathery has participated in numerous geologic assessments on the Edwards Aquifer Recharge and Transition Zones in San Antonio, Austin and Georgetown. He has mapped over 3,000 acres of land. These assessments included air photo interpretation and field mapping to locate caves, closed depressions, faults, fractures, sinkholes, solution cavities, vuggy zones, and other geologic features. After the features were identified, they were assessed to determine their sensitivity. In the early 1990's, Mr. Neathery also served on an informal committee with the Texas Natural Resource Conservation Commission (TNRCC) along with local geologists to revise the procedures for performing geologic assessments in order to obtain a more consistent assessment of the sensitivity of the features by various geologists. Mr. Neathery was also asked to perform an investigation on the Encino Park Cave, one of the largest caves found in Bexar County.

Solid Waste

Mr. Neathery has prepared geologic and hydrogeologic portions of permit applications (Attachment 11) as well as soil and liner quality control plans (Attachment 12) for Type I municipal landfills sites in Del Rio and San Antonio. In addition to landfill permitting activities, Mr. Neathery has conducted various other studies at different landfill sites. These include soil and liner evaluations (SLERS), in Austin, Kerrville, Lubbock, and San Antonio, clay reserve calculations for landfills in Donna, Kerrville, and San Antonio; detailed hydrogeologic studies in Donna and Raymondville; a detailed resistivity survey of a proposed naturally occurring radioactive materials (NORM) landfill site in Brackettville; infiltration testing of clay liners in Kerrville; and delineation of abandoned waste cells in Donna. Mr. Neathery has also conducted annual monitoring that included groundwater monitoring and earth resistivity surveys at landfills in San Antonio.

Environmental & Engineering Geology

Mr. Neathery has participated in numerous subsurface contamination assessments. These projects included a hydrogeologic investigation in Quemado, Texas, where the water supply for approximately half of the town was contaminated from a leaking underground storage tank; a vados zone investigation in San Antonio, where contamination levels in the soil were high enough to contribute to two explosions while work crews were excavating utility trenches; and remediation of a site in San Marcos where gasoline traveled a quarter of a mile on top of the ground-water table before discharging into the Blanco River. Mr. Neathery also conducted a subsurface investigation at the VIA Metropolitan Transit terminal in San Antonio, Texas where free product was found.

Mr. Neathery has performed a geophysical survey using electromagnetic conductivity and ground penetrating radar to assess subsurface geologic conditions and locate underground utilities at the VA Hospital in Waco, identify the extent of fill material in a large undeveloped site in San Antonio, and identify the locations of underground storage tanks beneath a high rise building in Austin. He has also conducted field activities for an assessment of the geologic and hydrogeologic conditions of a site for a proposed biomedical research facility in San Antonio. In addition, he has mapped over-blast fractures in the highwalls of a large quarry that was later developed as a large amusement park.

Underground Storage Tanks

Mr. Neathery has conducted, participated in, or been responsible for over 150 site investigations involving leaking underground storage tanks (USTs), pipelines, and other subsurface hydrocarbon releases. These investigations included removal of USTs, assessment of the degree and extent of contamination, and remediation of the contaminated media. Mr. Neathery was the contract and project manager for the City of San Antonio's Underground Storage Tank (UST) program and a project manager for the TNRCC's Petroleum Storage Tank Remediation (PSTR) Fund Region V Contract.