

Jeffrey Randow, P.E.

Contact Information

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For privacy reasons, my other contact information is not available online. Please contact me via one of the methods to the left to get my full resume and representative projects section.

Career Objective

To obtain employment as a staff water resources/environmental engineer for a civil or environmental engineering firm in Central Texas. I would like to have the opportunity to broaden my design experience by learning from others and sharing my knowledge with my fellow staff members to benefit the company as a whole.

Educational History

The University of Texas at Austin
Austin, TX

Bachelor of Science in Civil Engineering, 1995 (1990-1995 term)
Specialty in Environmental and Water Resources

My college coursework included Hydraulic Engineering, Hydrology, Environmental Sampling (lab class), Water/Wastewater Design, Water/Wastewater Treatment Design, and other environmental engineering courses. I was also an active member and officer of the ASCE student chapter, a member of Chi Epsilon, and a member of the Student Engineering Council.

Employment History

M.W. Cude Engineers, L.L.C.
San Antonio, TX

Final Position: Project Manager – Special Projects Team
Employment Term: August 1995 to Present

My day-to-day tasks while working for M.W. Cude Engineers, LLC included commercial land development, single-family subdivision development, water resources engineering and modeling, sanitary sewer lift station design, water distribution and limited production system design, and other general engineering design. For the past five years, I have primarily specialized in water resources engineering, including FEMA floodplain mapping, drainage reports, detention pond design, water quality pond design, and lift station design. In addition to my engineering responsibility, I also serve in the capacity of network architect/IT manager for the office, supporting the computing and telephony infrastructure in the office.

M.D.S. Land Survey Company, Inc.
New Braunfels, TX

Final Position: Survey Technician / Abstracter
Employment Term: June 1993 to August 1995

I worked at M.D.S. Land Surveying Company, Inc. part-time while attending college. My day-to-day tasks included field work (as party chief, rodman, and instrument man), researching/abstracting for boundary surveys, limited boundary resolution for boundary surveys, and preparing and presenting subdivision plats to city/county agencies and commissions.

Certifications

Texas Registered Professional Engineer – P.E. # 87030 since July 2000.

Professional Memberships

Texas Floodplain Managers Association (TFMA) (Currently pursuing CFM certification)
American Water Resources Association (AWRE)
American Society of Civil Engineers (ASCE)
Texas Society of Professional Engineers (TSPE) (Past Member)

Technology Expertise

Hydrologic Modeling Software:	HEC-1, HEC-HMS, Pondpack, WMS, TR-55
Hydraulic Modeling Software:	HEC-RAS, WMS, HEC-2, SWMM 5
CAD/GIS Software:	AutoCad Land Desktop, Autodesk Map, Microstation SE/J/8, GrassGIS
Productivity Software:	Microsoft Office, Visio, Project, Open Office Suite, Haestad Method/Bentley Hydraulic/Hydrology Software

I also have developed a series of Microsoft Excel spreadsheets for on-site hydrology and hydraulic computations (including modified rational detention ponds, TC calculations per the City of San Antonio methodology, etc.)

Design Expertise

Lift Station Design (1 active project and 2 completed projects)
CLOMR/LOMR Studies (8 active projects and 4 completed projects)
Detention Basin design (largest pond to date: 45 acre-feet – Woodlake Farms, San Antonio, TX)
Water Quality Basin design (at least 12 completed projects to date)
Channel Design and Modifications
Hydrological Analysis
Stormwater Management Plans for Single Family and Commercial Developments

Prior work at M.W. Cude Engineers included:

Commercial Development (numerous shopping centers and Albertson's retail stores)
Single Family Residential Subdivisions (Villas of Hampton Place, Boerne, TX)
School Projects (Boerne Middle School and Kendall Elementary School, Boerne, TX)
GIS/Imagery products for internal/external use
Phase I Environmental Site Assessments/Feasibility Reports
Level I and Level II Traffic Impact Analysis (limited Level II TIAs)
Water Distribution and Production System Design (limited production system design)

Other Interests and Organizations

Amateur Meteorologist and Weather Observer participant
Amateur Radio Operator (N5SNT) – Participating with Comal County Amateur Radio Emergency Service (ARES)
Comal Community Band member
Microsoft MVP in Windows Networking (2001-present) – Community support role
Longhorn Alumni Band (Past Officer – San Antonio Area Representative)

Job Target and Status

Work Status:	US Citizen
Desired Status:	Full-time Employee
Security Clearance:	I have never applied for a security clearance
Locations:	San Antonio, TX; Austin, TX; Seattle, WA; Portland, OR
Willing to Travel:	Yes, Less than 50%

References

A list of references is available upon request.

Representative Projects

A list of representative projects is available upon request.