

# Jeffrey Randow, P.E., CFM

## Contact Information

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For privacy reasons, my full 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 the Central Texas area. 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 / Network Manager  
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 six 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.

## Certifications

Texas Registered Professional Engineer – P.E. # 87030 since July 2000.  
Texas Certified Floodplain Manager – CFM Certification # 1288-07N

## Professional Memberships

Texas Floodplain Managers Association (TFMA)  
American Society of Civil Engineers (ASCE)  
Texas Society of Professional Engineers (TSPE) (Past Member)  
Association for Information Technology Professionals

## Technology Expertise

Hydrologic Modeling Software:	HEC-1, HEC-HMS, EMS-I WMS, TR-55, HEC-GeoHMS, ArcHydro
Hydraulic Modeling Software:	HEC-RAS, WMS, HEC-2, SWMM 5, HEC-GeoRAS
CAD/GIS Software:	AutoCAD Land Desktop/Civil 3D; Microstation; ArcGIS 9.2/9.3
Productivity Software:	Microsoft Office, Visio, Project, OneNote, Primavera SureTrak

I also have developed a series of Microsoft Excel spreadsheets for my use in my day-to-day hydrology and hydraulic modeling (including detention pond size estimation, hydrology calculations, EGL/HGL, outfall design, routing, and lift station design).

## **Design Expertise**

Sanitary Sewer Lift Station Design  
FEMA Flood Studies (LOMR/CLOMR and DFIRM Submittals)  
Detention Basin design  
Water Quality Basin design & Water Pollution Abatement Plan Preparation (Edwards Aquifer Recharge Zone)  
Channel Design and Modifications  
Hydrological Analysis  
Drainage Analysis and Retrofit

In the past, I also have experience in commercial development, single family residential, school construction and additions/renovations, environmental site assessments, feasibility reports, traffic impact analysis, and water distribution/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  
Hill Country Community Band member  
Longhorn Alumni Band Vice President-San Antonio Area Representative (past)  
Microsoft MVP in Windows Networking (2001-2006) and Expert Zone Columnist

## **Job Target and Status**

Work Status:	US Citizen
Desired Status:	Full-time Employee
Security Clearance:	I have never applied for a security clearance
Locations:	Central Texas (Austin/San Antonio Area)
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.