

DEREK W. BIEBER

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Objective

To use my engineering design skills and knowledge of state permitting processes to aid in the design of wastewater management systems.

Education

B.S., Environmental Engineering—expected graduation December 2007
University of Central Florida, Orlando, FL
GPA: Overall 3.481/4.000, in-major 3.454/4.000
Expected FE test date: October 2007

Design courses: Air Pollution Control Design (spring 2007), Water Resources Design (fall 2007)

A.A., Engineering, Honors, August 2005 GPA: 3.643/4.000
Hillsborough Community College, Brandon, FL

Relevant Experience

Potable water co-op, Florida Department of Environmental Protection
Orlando, FL (2005–present)

- Completed calculations for 4-log removal/inactivation of *Giardia lamblia* for systems with microbially contaminated wells
- Offered formal determinations as to whether projects required permits or could be constructed without permits by evaluating proposals according to state drinking water rules
- Offered formal determinations for modification requests of permitted projects
- Assisted permitting engineers with permitting and clearance of projects

Technical Skills

- Proficient in Windows 2000, Windows XP, Windows Vista
- Highly experienced with MS Word, MS Excel, MS Power Point, Oracle, Open Office
- Conversant with AutoCAD, WaterCAD, Minitab, C, C++, Visual Basic, UNIX

Activities

- Member: American Society of Civil Engineers at UCF (2005–present), Society for Environmental Engineers at UCF (2006–present)
- Attendee: ASCE National Conference at Chicago (2006), ASCE Florida Section Conference at Fort Lauderdale (2006), ASCE Southeast Regional Conference (2006-Gainesville FL, 2007-Knoxville, TN)
- Competitor: Environmental Competition (2006, 2007), Mystery Competition (2006, 2007)
- Participant: MATHCOUNTS (2007), Relay for Life (2007)