



PARSA PEZESHK, Ph.D., E.I.T.

EDUCATION:

Ph.D. – Civil/Environmental Engineering, University of Memphis, Memphis, Tennessee, 2015
M.Sc. – Civil/Environmental Engineering, University of Memphis, Memphis, Tennessee, 2011
B.Sc. – Applied Chemistry, Azad University, Tehran, Iran, 2004

PROFESSIONAL LICENSES AND CERTIFICATIONS

40-Hour Training for Hazardous Waste Operations and Emergency Response (HAZWOPER)
8-Hour HAZWOPER Supervisor/Management Training
EIT, California, 2014

PROFESSIONAL MEMBERSHIP

Water Environment Federation, Member

CURRENT PROFESSIONAL EXPERIENCE: Present, **AquAeTer**, Project Engineer

Parsa is currently conducting a pilot plant study for an ammonia-based pulp and paper mill using the Anammox anaerobic treatment for conversion of ammonia to nitrite and then to nitrogen gas without the final step of nitrification. He has previously done color removal using physical/chemical methods using organic and inorganic flocculants and coagulants. He has also done studies on nutrient removal and activated sludge modeling.

PRIOR PROFESSIONAL INVOLVEMENT:

2016 **AquAeTer, Inc.**
2015-2016 TN Regulatory Authority, Environmental Protection Specialist
2009-2015 University of Memphis, Dept of Civil Engineering, Graduate Research Assistant

AREAS OF EXPERTISE:

Wastewater Investigations
Activated Sludge Modeling
Biological Wastewater Treatment including nutrient removal and numerical modeling
Physical/Chemical Treatment of Metals
Ammonia treatment

Computer Modeling
Probabilistic Models