

Biography: Mark A. Rudolph, P.E.

Water Quality Assessment Team
Water Quality Division
Texas Commission on Environmental Quality

Current Position

Modeler for the Water Quality Assessment Section.

Education and Prior Experience

Mark Rudolph graduated from the Texas A&M University at College Station with degrees in Petroleum Engineering and is a registered Professional Engineer in the State of Texas.

He began his career in the water industry working for the Texas Water Development Board estimating wastewater infrastructure needs for the Construction Grants/State Revolving Fund program. A year later he joined the Texas Water Commission (a predecessor to the TCEQ) as a dissolved oxygen modeler where he developed models used for assessing permit limits for point source discharges. This work ranged from designing and performing water quality field surveys up through calibration and validation of models and consultation with permit writers on effluent limits.

Since joining the Water Commission, Mark has continued working in water quality modeling at the Texas Commission on Environmental Quality (TCEQ) and those Agencies responsible for point source discharge permitting since the TWC. His current responsibilities still include DO modeling, but have expanded to include diffuser modeling, development of modeling guidance documents and standard operating procedures, Water Quality Division coordinator with the Total Maximum Daily Load (TMDL) program on technical issues, and expert witness on contested discharge permit matters.

Contact Information

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