

John Seifert's experience includes groundwater availability and water quality studies; groundwater conservation district management and water resource studies; artificial recharge and recovery; regional water planning studies; lignite and gold mine dewatering and water management projects; planning of test hole drilling programs and monitoring of test hole drilling; design, construction inspection, and testing of public supply water wells, rehabilitation of large-capacity wells and estimation of the effects of groundwater withdrawals. He has served as Project Manager for studies of the availability of groundwater from the Hickory Sandstone, Chicot, Evangeline, Jasper and Catahoula aquifers of the Gulf Coast aquifer system the Ogallala aquifer and Carrizo-Wilcox aquifer in Texas and for other aquifers in other states and in Mozambique. He also has participated in projects studying the availability of brackish groundwater from most major aquifers in Texas. He has managed groundwater studies of alluvial aquifer systems including the Brazos River Alluvium.

He has served as Project Manager on assignments for providing design and construction management services for 500 to 7,000 gallons per minute public supply wells and brackish groundwater supply wells drilled to depths ranging from 950 to 3,100 feet in Texas and other states. The projects normally included performing environmental site assessments and well vulnerability studies as required. He has directed studies to assemble data for groundwater flow models and to update and recalibrate groundwater models covering multiple counties. He has performed mine dewatering studies in Texas, Nevada, Dominican Republic, Papua New Guinea and Chile. He has directed studies of groundwater resources for two Senate Bill 1 planning regions, Region H and Region P. He has directed studies regarding well testing, well rehabilitation and pump repair or replacement for 300 to 3,000 gallons per minute wells. He has directed studies of the possible effects on the fresh groundwater system of the injection of salt or brine water into deep unconsolidated aquifers and of the possible effects of the storage of hazardous waste in a salt dome. He also has managed studies of artificial recharge using wells or spreading basins to recharge water into aquifers. He has conducted studies of specific well problems regarding either the quantity or quality of the water produced and methods for their improvement. He has worked at industrial facilities on RCRA monitoring and on the evaluation of possible remediation of shallow groundwater contamination by wood preserving chemicals. He has presented expert testimony in administrative proceedings in Texas and Nevada. The U.S. projects that he has participated in have principally been in Texas, Nevada, Arizona, Florida, Arkansas and New Mexico.

EDUCATION

B.S. in Agricultural Engineering from Texas A&M University

M.S. in Agricultural Engineering from Texas A&M University

REGISTRATION

Registered Professional Engineer in the State of Texas No. 49994 – 1981

William John Seifert, Jr, PE (continued)

TECHNICAL SOCIETIES

American Water Works Association

American Society of Agricultural Engineers

Houston Chamber of Commerce Water Supply Committee, Past Member

Association of Ground-Water Scientists and Engineers (National Ground Water Association)

National Society of Professional Engineers

Texas Society of Professional Engineers

Texas Water Conservation Association (Director)

SUMMARY OF PROFESSIONAL EXPERIENCE

November 2018 to present:

Principal with Ground Water Consultants, LLC., Katy, Texas

2018 to October 2018:

Senior Supervising Engineer with WSP USA Inc, Houston, Texas

2016 to 2017:

Senior Project Manager and Office Manager with LBG-Guyton Associates, Houston, Texas

2009 to 2016:

Principal/Senior Vice President and Office Manager with LBG-Guyton Associates, Houston, Texas

2003 to 2008:

Principal/Vice President and Office Manager with LBG-Guyton Associates, Houston, Texas

1993 to 2002:

Senior Associate and Office Manager with LBG-Guyton Associates, Houston, Texas

1988 to 1992:

President and Director with William F. Guyton Associates, Inc., Houston, Texas

1985 to 1988:

Vice President and Director with William F. Guyton Associates, Inc., Houston, Texas

1982 to 1985:

Director with William F. Guyton Associates, Inc., Houston, Texas

1980 to 1982:

Associate with William F. Guyton & Associates, Austin, Texas

William John Seifert, Jr, PE (continued)

1973 to 1980:

Groundwater Hydrologist at William F. Guyton & Associates, Austin, Texas

PRESENTATIONS

McAlpine, E. K., and Seifert, Jr. W. J. (2009, May 4). *Well Economics: Asset Management Principles and Implementation Strategies* [PowerPoint]. American Ground Water Trust, Water Well Performance Workshop. Houston, Texas.

Seifert, Jr., W. J. (2002, May). *Well Gravel Pack and Screen Design* [PowerPoint]. Texas Ground Water Association. San Marcos, Texas.

Seifert, Jr., W. J. (2010, June 19). *Water Well Rehabilitation and Reconstruction Methods for Water Quality Enhancement* [PowerPoint]. Association of Water Board Directors. San Antonio, Texas.

Seifert, Jr., W. J. (2011, February 24). *Water Well Rehabilitation and New Well Construction Methods for Water Quality Enhancement* [PowerPoint]. City of Houston. Houston, Texas. February 24, 2011.

Seifert, Jr., W. J. (2011, April 30). *Well Gravel Pack and Screen Selection and Well Rehabilitation* [PowerPoint]. Texas Ground Water Association. New Braunfels, Texas.

Seifert, Jr., W. J. (2011, May 21) *Well Gravel Pack and Screen Selection and Well Rehabilitation* [PowerPoint]. Texas Ground Water Association. Alvin, Texas.

Seifert, Jr., W. J. (2013, August 1) *Development of a Sustainable Raw Water Supply* [PowerPoint]. Southern Central Membrane Association. San Antonio, Texas.