



First Name: **George** Last Name: **Garden**
Title: **P.E. BCEE, Chief Engineer, Division of Water Resources**
Institution: **Tennessee Department of Environment and Conservation**
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Education:

PhD:

MS: 1993 Eng Science; Water Resources BS: 1972 BE, Chemical Engineering

General Areas of Expertise:

Water and Wastewater Treatment/Distribution/Collection

Short Bio:

George Garden accepted the position of Chief Engineer, Division of Water Resources, in June of 2015, after 21 years of serving as a design consultant with Barge Waggoner Sumner & Cannon in Nashville. He is a graduate of Vanderbilt University School of Engineering with a BE in Chemical Engineering in 1972 and Engineering Science Masters in Environmental and Water Resource Engineering in 1993. An active professional engineer in Tennessee, he is also a Board Certified Environmental Engineer in Water Supply and Wastewater with the American Academy of Environmental Engineers and Scientists. His professional work has primarily focused on water and wastewater projects in the southeastern United States and on public sanitation humanitarian and sustainable projects in the developing world.

Five Representative Publications:

Water for the Long Haul: Dickson County's Cumberland River Project, Tennessee Public Works, March-April 2004
Sewanee's Water Treatment Plant Uses Membrane System, Tennessee Public Works, March-April, 2011, Volume 28, Number 7
Over 50 professional presentations on water and wastewater projects and regulatory up-dates.

FEWSTERN Symposium 2017 Presentation Title and Abstract:

"Level of appreciation of the Food-Energy-Water Nexus in Tennessee Today"—By policy and practice, Tennessee water and wastewater utilities are moving toward greater conservation and reclamation of water resources and reduction in energy costs in the treatment and conveyance of water resources. Only in relatively infrequent times of drought are water and energy seen as having an indirect or direct impact on agriculture but there are recent projects with the potential to increase the appreciation of the interdependence of the three resources. Examples of projects in Tennessee, where the benefits to all three are being realized, will be discussed and areas for additional correlation will be proposed.