

# Terry R. Bounds, P.E.

**Terry R. Bounds, P.E.**, is a co-founder and Chairman of the Board of Directors of Orenco Systems®, a company based in Sutherlin, Oregon, that engineers and manufactures innovative infrastructure solutions. The company has three divisions: Orenco Water™, Orenco Composites™, and Orenco Controls™. Terry also serves as President over the research and development, operation and maintenance, and facilities arms of the company.

Prior to Orenco's founding, Terry spent fourteen years as a special studies engineer for the Douglas County, Oregon, Public Works Department. During that time, he worked on a wide variety of projects, notably the pioneering 2,300-unit liquid-only (effluent) sewer system in Glide, Oregon. He did much of the research that led to the decision to use effluent sewer technology in Glide, designed the community's collection and treatment system, and oversaw its installation.

Over the course of his career, Terry has taken an active role in improving the onsite industry. He served as a board member of NOWRA, the industry's national trade association, and was one of the founders of O<sub>2</sub>WA, the Oregon Onsite Wastewater Association. He also served for sixteen years as the chair of the Onsite Technical Review Committee for the Oregon Department of Environmental Quality.

While overseeing Orenco's R&D efforts, Terry will continue to be the company's lead research engineer in charge of special projects. His visionary work has led to the development of many of Orenco's cutting-edge products, including the AdvanTex® textile treatment system and the VeriComm® web-based remote monitoring system.

Terry earned his Bachelor of Science degree in engineering from Oregon State University and is licensed in civil, environmental, manufacturing, and structural engineering.

## **A Selection of Technical Publications and Articles by Terry R. Bounds:**

Bounds, Terry R. "Design and Performance of Septic Tanks." American Society for Testing and Materials, 1997.

Bounds, Terry R. "Management of Decentralized and Onsite Wastewater Systems." American Society of Agricultural Engineers, 2001.

Bounds, Terry R. "Performance of Textile-Based Packed Bed Filters." World Congress on Environmental Health, 2002.

Loudon, Ted L., Terry R. Bounds, and James C. Converse. "Nitrogen Removal and Other Performance Factors in Recirculating Sand Filters." American Society of Agricultural Engineers, 2004.

Bounds, Terry R. "Sunset Bay: Next Generation Approach to Decentralized Cluster Systems." Southwest Onsite Wastewater Conference, 2014.

Bounds, Terry R. and Grant Denn. "Decentralized Design Considerations and Life-Cycle Costs." NOWRA, 2015.