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Ms. Parten is a professional civil-environmental engineer with over thirty years of experience with research and engineering design projects, and is a licensed civil engineer in Texas and the U.S. Virgin Islands. She has a Baccalaureate of Science degree in Civil Engineering and a Masters of Science degree in Environmental Health Engineering, both from the University of Texas at Austin, and a Baccalaureate of Arts in Spanish from the University of Missouri (KC). Ms. Parten has served as project manager and/or principal investigator for state and federally funded grants and studies, including a two-year nationwide study. As a research engineer, she has handled all aspects of projects, including funding proposals, project implementation and management. Her engineering design experience includes both centralized and decentralized waste management systems, water systems, appropriate infrastructure and management practices for water quality protection, and coordination and participation on engineering project teams for sustainable development. She has provided water utility program management and regulatory/permitting oversight consulting services to state/territorial and local programs in the U.S. and eastern Caribbean region.

Ms. Parten has owned and operated CES, a civil-environmental engineering consulting firm, since 1992. Prior to co-founding CES, she served as a design engineer for CDM and HDR Engineering, and as a research civil engineer for the University of Texas at Austin. The focus of her engineering work is the implementation of sustainable integrated development and resource management systems. She served as member of the Water Environment Federation's Technical Committee Task Force for the technical review of Natural Systems for Wastewater Treatment, 2nd Edition (2001), has authored and co-authored a number of published articles and technical reports, and is author of the planning reference text: Planning and Installing Sustainable Onsite Wastewater Systems (McGraw-Hill, 2009).

Representative Engineering Design Clients

- Austin Water Utility
- Texas Parks and Wildlife Department
- Lower Colorado River Authority (LCRA)
- Camp Coca-Cola
- Antillian Design and Development Limited (Anguilla, British West Indies)
- Thatch Cay Preserve, LLC (USVI)
- Mountaintop Condominium Association, (St. Thomas, USVI)

Representative Research Clients

- Water Environment Research Foundation (WERF), Alexandria, Virginia
- City of Austin, Texas
- Onsite Wastewater Treatment Research Council, State of Texas

Representative Regulatory Consulting and Program Management Clients

- Fairfax County, Virginia Health Department
- Department of Planning and Natural Resources, Government of the U.S. Virgin Islands
- City of Austin, Texas