AVANTech INCORPORATED

*Technology Solutions Experience*

# AVANTech Awarded Water Treatment Systems for Bechtel National

AVANTech was recently awarded the design, fabrication, testing, and delivery of an integrated water treatment system for Bechtel National. The award is in support of the Blue Grass Chemical Agent Destruction Pilot Plant (BGCAPP) work being implemented by Bechtel Parson Blue Grass. The treatment system is designed to filter and demineralize the effluent from a SuperCritical Water Oxidation (SCWO) system used for destruction of aqueous organic liquids. Avantech's design was judged as superior due our treatment systems ability to handle wide variations in suspended solids *(20 to 700 ppm)*, dissolved solids *(500 to 20,000 ppm)* and temperature *(70 to 110°F)*. The purified product water is returned to the plant for reuse, thus minimizing make-up water requirements. Technologies deployed include multimedia and cartridge filtration, chemical treatment, chlorination, and reverse osmosis. Avantech's work scope includes providing the integrated control systems as well as the interconnecting pipe.

Avantech is a water-treatment company with a commitment to providing service second to none! Avantech was founded in 1999 and has expanded its business by applying the talents of its technical team. AVANTech's approach to services integration makes us uniquely qualified to provide turnkey services. Our personnel have extensive experience in the planning, design, manufacturing and operation of water-treatment systems for industrial and government clients. AVANTech technologies have enabled many industrial facilities to establish zero liquid discharge operations by completely recycling all of their wastewater. "This contract is an excellent example of our ability to meet the most complex and detailed requirements of our government clients. AVANTech is committed to customer service excellence by implementing custom engineered solutions that create unique value for our water/ wastewater customers," stated AVANTech President Jim Braun.

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