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AVANTech Completes PFAS Treatment at Whiteman AFB

Columbia, SC – AVANTech recently treated approximately 30,000 gallons of water at Whiteman Air Force Base (AFB) that contained per- and polyfluoroalkyl substances (PFAS) contained in storage tanks.

Over the course of a week, AVANTech treated the water with a modular treatment system that included a self-priming centrifugal pump, pre-filter, and two ion exchange columns loaded with oxy-anion specific ion exchange media. Effluent water was collected in two 21,000-gallon frac-type monitor tanks where product quality was confirmed. Upon confirmation, Whiteman AFB disposed of the water.

Multiple inlet and outlet samples were taken throughout the treatment campaign to verify feed constituents were within the expected range and to confirm that effluent quality requirements were being met. The spent ion exchange media containing the PFAS contaminants will be thermally destroyed at 1700°F.

AVANTech is the leading US-based comprehensive industrial water treatment and radioactive/hazardous waste management solution provider. The Company's extensive experience in engineering process systems enables them to create integrated solutions that dramatically improve operations in government, commercial, industrial, and nuclear power applications. AVANTech engineers and manufactures a number of patented technologies and products in their three fabrication facilities in South Carolina, Tennessee and Washington and provides systems and services in over 15 countries.

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