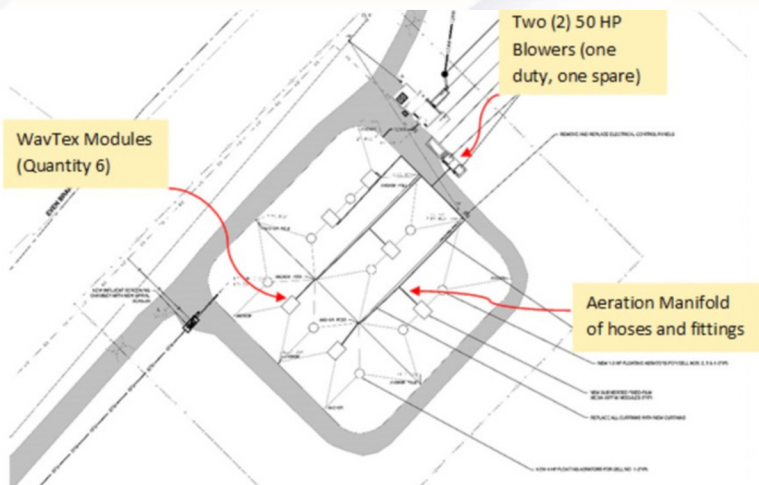


Bowman, SC Installation Announcement



In December 2024, Entex Technologies completed a wastewater treatment upgrade at a rural South Carolina facility, introducing a floating WavTex™ fixed film biological treatment system within the existing lagoon infrastructure. Designed to treat a flow of 0.236 MGD, the system is engineered to significantly reduce BOD and ammonia levels to meet effluent discharge criteria and protect local water quality. The installation features six floating WavTex modules with integrated coarse bubble aeration and self-buoyant EnTextile media sheets. The floating design eliminated the need for bottom-mounted anchoring, making it an ideal, cost-effective solution given the lagoon's unknown floor conditions.

Application

Improve effluent quality to meet effluent discharge criteria at permitted flow of 0.236 MGD

Solution

Install six floating WavTex modules with integral coarse bubble aeration

Objective

Effluent:
BOD <15.1 mg/L
NH₃-N < 4.4 mg/L