

WavTex and Octopus Installation

Pax, WV

The wastewater treatment lagoon in Pax, WV was upgraded using Entex's SFF WavTex and Octopus aeration system in order to meet its permit limits of <5 mg/L of BOD₅ and <2 mg/L of NH₃-N.

Three floating WavTex modules with hybrid fixed/moving EnTextile media and two floating Octopus aeration units were installed in the lagoon in July 2020. The WavTex modules each have 40 EnTextile media sheets, providing a total of 10,000 ft² of EnTextile media. The Octopus modules provide 128 scfm of fine bubble aeration.



Background: WavTex module being installed via lift truck
Foreground: Octopus module in lagoon

Application

65,000 gpd lagoon retrofit for BOD and NH₃-N control.

Entex Solution

Three floating WavTex modules and two floating Octopus aerators

Goals

- <5 mg/L BOD₅
- <2 mg/L NH₃-N

