

Octopus Installation

Greater Ouachita, LA

The Southeast Treatment plant in Greater Ouachita, LA (0.45 MGD) has three lagoons in series, two partial mix and one facultative. The floating surface aerators in the first two lagoons were not able to maintain adequate DO for treatment and low mixing energy allowed for significant sludge accumulation.

Supplementing the aeration with Entex's Octopus system raised the DO by 47% and is helping to clear sludge from the lagoon, which will delay or avoid expensive dredging operations. Additional Octopus modules are in production to further improve operations.



Application

0.45 MGD lagoon retrofit for improved aerating and mixing.

Entex Solution

Octopus system installed in first lagoon.

Results

- Raise DO by 47%.
- Re-suspend sludge to avoid dredging.

