

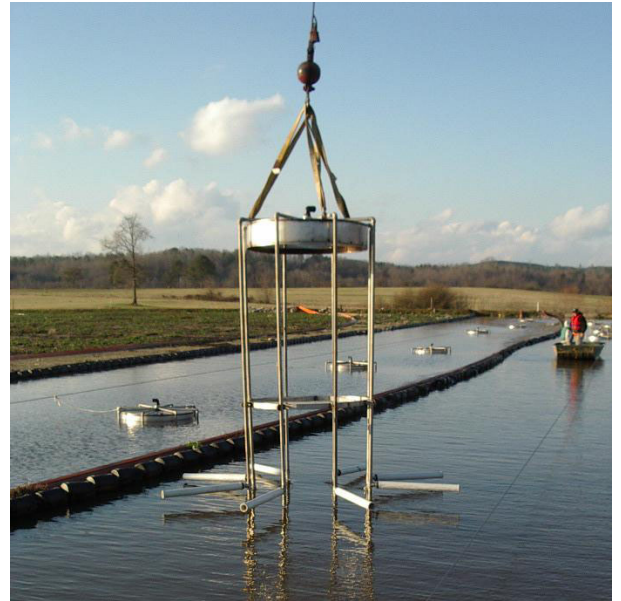
Cagles Farms Improves D.O. with O²ctopus® System

Cagles Farms operates a number of poultry processing facilities in the southeastern United States. The facility at Collinsville, Alabama, processes an average of 225,000 birds per day, resulting in a flow of wastewater which is high in organics and ammonia.

In early 2004, management determined that improvements were necessary in the plant's SBR to support the adequate treatment of ammonia, particularly during cold weather periods. The plant had relied on an aging flotilla of mechanical aerators which were proving difficult to maintain, and inefficient to operate.

FBC Technologies, working with Rowenvironmental (consulting engineer), proposed a 26 unit Octopus stainless steel diffusion system, fed from a bank of 3 x 100 HP centrifugal blowers which had been moved from a facility closed earlier in the year.

The installation of the Octopus system was made around the existing mechanical aerators, allowing the operator to use the units as backup to the Octopus system, and occasional use for cooling the wastewater during the summer months.



O²ctopus® system was manufactured to use the lagoon's depth to improve d.o., mixing, and reduce VOCs from old-style floating aerators.



The entire system was installed in less than 2 weeks, without interruption to the plant's operations.

Contact FBC to arrange for a site visit, or, to contact the operator to discuss this project.