

RBC SERVICES UPDATE

RBC Services
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RBC AERATION: CONTROL / ENHANCEMENT

Issue 1, 1995

We are continuing to help a number of plants which inquire into the addition of aeration systems for their RBCs.

These inquiries stemmed from the fact that difficulties were being experienced, such as beggiatoa infestation (white, slimy growth), failures of media support structural components or a decreased level of treatment from the RBCs themselves.

Years ago as a marketing tool, some RBC manufacturers assured their customers that aeration *was not* necessary for their RBCs to operate efficiently; that there *would not* be problems with excess biomass growth, and that *proper staging alone* would take care of the enhancement of the process.

As we know today, certain claims were made because everything worked perfect...on paper. Now however, history has taught us otherwise, and that things don't always work perfectly in the real world.

Let's face it, many of the RBC plants in operation today have quite a few years under their drive belts. Frankly, they could use all the help they can get.

Aeration under RBCs - such as SideCar has proven to control biomass growth, virtually eliminate beggiatoa and enhance treatment. This equates to two things; **PROTECTION FOR YOUR EQUIPMENT** and **ENHANCED PROCESS PERFORMANCE**.

While every plant is different, the basis for the practical application of an aeration system for RBCs is not. It's standard stuff.

What this means is, there's no need to have a system "engineered". All the information necessary to successfully apply an aeration system for RBCs is "on the shelf".

This equates to *a minimum expense*, which ultimately means you receive the system you need from experts in the field, and not paying for someone's time to "re-invent the wheel".

We lay out the system and make the most economical use from the smallest blower package possible to help keep energy costs down.

Aeration systems can be installed for one-shaft plants, multiple-shaft plants or single shafts with a multiple-stage configuration.

If your RBCs are experiencing any of the problems mentioned, give me a call. We can help you with all the information and equipment it takes to apply the right aeration system for your RBC plant.

We can work together to get Maximum Performance From Your RBCs.