

ak429

Adela's Individual Contribution Page

Spring 2011

I am a member of the Plate Settler Spacing Team - in the CEE 4550 class. As always, the work has been fun and interesting as always.

Summer 2009

I am a member of the Floating Flocculation Team. For the past 4 weeks, most of my contributions include helping my team members assemble and debug the current setup, as well as helping with compiling and editing the task list, research proposal, and teach-in. I have been updating the team's wiki pages when necessary. Together with my team members, [Tanya Cabrero](#) and [Shaina Khan](#), we have worked mostly on fixing the current experimental apparatus and ran 2 experiments to replicate the results from last semester. The work has been really interesting.

Spring 2009

I'm on the [Design team](#), and throughout the first half of the spring semester I've been working mostly with MathCAD. In the beginning, I was helping Heather Reed with the spreadsheet of specifications for the Gracias plant, one of the largest AguaClara plants, with the flow rate of 300 L/min. I also updated the description for the [Cuatro Comunidades](#) plant. Additionally, I updated the [Fluid Functions](#) section in our MathCAD Master Program file with the formula, based on Monroe's comments, which calculates the area of a flocculation port with given energy dissipation rate to ensure that flocs will not break up. I also created Automated materials list, which calculates the total length and the total number of various system components. Additionally, I documented the [Sedimentation Tank Dimensions](#).

Pages Created

Content created by Anonymous

There are no pages at the moment.
