

How is it going? It has been a while since we talked (sorry about that)...Let me give you an update on what has happened and where we are going with the project.

1. We have designed and built a new flotation column (apparatus) because the previous apparatus broke during a test. This is not so bad because it presented me the opportunity to apply changes to the new apparatus based on problems identified during experimentation.
2. We have looked at a number of alternatives to your dishwasher detergent. One very intriguing alternative is "soapnuts" [www.sapindus.ca](http://www.sapindus.ca) Soapnuts, aka nature's detergent, can be used as a replacement for liquid soap, washing liquid for dishes, scouring powder, to name a few. I have emailed the company about applying it to a commercial dishwasher. Ken from Ecolab replied about alternative products from Ecolab, he provided 3 products, they are: Ultra Klean and Apex Power for detergents and Ultra Dry for rinse. I looked at the composition of them and I am not convinced that they will make the wastewater any easier to treat.
3. I have just received new polymer samples from BASF ([www.basf.com](http://www.basf.com)). I would like to run tests with these polymers and see how it performs in treating wastewater. So far we have tested a number of polymers but none have been effective thus far.
4. We are looking into using demulsifying agents to help remove oil/grease from the wastewater. If successful, it could eliminate polymers from being used.

Finally, in regards to the technical feasibility, it is still in progress. We still have a few items that we need to complete. However, this project is on the right track and we are beginning to see light at the end of the tunnel...So please bear with me.

Sincerely,  
Wayne