

December 2, 2004

Pool Water Testing – KIDS FIRST Swim Schools

Experiment: Find a source of environmental water and test for traces of bacteria and E. coli.

For a Microbiology assignment, I was to find a source of water to test for bacteria and E. coli. Since I work at the swim school, I decided to bring in a sample from our pool. Since our chlorine level is held at a steady 5 parts per million (very high), it's supposed to kill any germ that enters the pool, but I'm stubborn and still assumed SOMETHING would have to be there, so I tested the water using authenticated lab tests and procedures in what testing laboratories.

At the conclusions of the experiment, it was determined that the pool water at KIDS FIRST Swim School, was clearer than the water that comes from the tap. There was no trace of any kind of living bacteria including E. coli. Of course you wouldn't WANT to drink it because of the levels of chloride and salt, but it would not harm you if you did. I myself was very surprised at the results of this experiment, but it also put my mind at ease about being in the pool so much. My professor said my water was cleanest environmental water she had ever tested.

In conclusion, the pool at KIDS FIRST Swim School is experimentally determined to be the cleanest one in town!

Experiment by: Jessica Resch

The Community College of Baltimore County, Essex