

To: jan@scalewatcher.com
CC: jacquie@scalewatcher.com
Subject: Scalewatcher Use

Good morning.

We have had two Scalewatchers in operation on our cooling tower since mid-July. As you may recall, I installed one on the supply line to the cooling tower and the other on a line through which we are re-circulating the water that is in the sump.

Yesterday, we opened up the condenser on our chiller to find that the tubes looked as they should-copper in color. Previously, even with a continuous blow down and the addition of expensive chemicals, they were white with an accumulation of calcium and even some of them blocked. Our water treatment contractor said that is the "best that we can do". There were also "barnacles" on the tube sheet. Yesterday, the barnacles were gone and the tubes that were blocked are now open. We did go ahead and run the brush through the tubes and the time it took was cut in half. I am not sure that we really even had to do that. We probably won't the next time.

On the cooling tower, the scale that had accumulated on the cooling tower baffels began to fall off almost immediately after installing the Scalewatchers. There had been a fairly thick scale build-up on the bottom of the sump and I would estimate that about half of that is now gone. The scale that had accumulated on the heating elements (about 1/4") was even falling off.

We have not used any treatment chemicals, other than algaecide, since July. During the same period last year we were using about 14000 gallons of water per day. This year we used 1700 gallons per day. These two units have already more than paid for themselves. As you might guess, I am extremely happy with your product.

Respectfully,

Tom Coit
Bldg. Supt.
NC Aquarium at Fort Fisher
USA