## **JOHNSTON** UNC HEALTH CARE

August 14, 2014

To whom it may concern:

The Aquaox Infection Control System has been used in our hospital for over a year now. In order to validate its continued success for disinfection and to assess for any collateral effects, Darryl Patterson (Aquaox Rep) and I conducted an assessment of ten, clean, ready for admission patient rooms, to note these rooms had been cleaned using the AIC system. We collected 5 samples with ATP swabs in each room with focus on highly touched items. We established a pass/failure value of 200 RLU (Relative Light Units). The results were as impressive as the initial results when starting to evaluate the AIC System more than a year ago.

We had only one failure noted, yielding a 98% passing rate. The one failure was collected on the arm of chair that had actually gotten pushed behind the hanging curtain in the room. This chair was immediately cleaned and a new process for cleaning this particular room was quickly implemented in order to prevent similar results in the future. Upon investigation, this room was slightly different than the other rooms as it had a hanging patient lift over the bed requiring the curtain to be placed in a different position, compared to the other rooms. Also, it was worthy to note that the housekeeper had been summonsed out of the room several times during the cleaning process.

In addition to ATP monitoring, we also inspected the surfaces of the rooms for the presence of buildup or degradation of surfaces. There was no noted buildup of any kind nor were any of the surfaces noted to be degraded. The windows, mirrors and TV screens and monitors were clean, clear and without streaks or film. There was no discoloration of wall paint, curtains or upholstery.

## **Points of Importance:**

98% Passing Rate for ATP Meter Testing No Degradation of Environmental Surfaces Room Appearance – Clean and Fresh

Sincerely,

Som Sinces, RN, CIC

Ronnie Syverson, BS, BSN, RN, CIC Infection Prevention Practitioner