

From: Luftman, Henry [HenryLuftman@microcln.com]
Sent: Friday, January 04, 2008 12:50 PM
To: Costello, Mindy
Subject: RE: protocol and testing locations

Attachments: 01-04-08 Protocol.doc
Mindy,

I am traveling to NuAire's facility on January 14 to perform half of the proposed validation studies for the use of chlorine dioxide (CD) gas to decontaminate BSC's. I have previously distributed proposals for how the validation studies would be performed and what would constitute sufficient data for NSF to state that CD has gained similar status to formaldehyde gas for BSC decontamination. I have also suggested how the second half of the validation experiments could proceed.

I am attaching the most recent version of the experiment protocol. Changes made in it over the last 2 months are printed in **bold font**. I'm requesting **final** confirmation from the individual team members of the task force that they agree with the protocol changes, the modifications made for the second half of the validation study, and our criteria for success. I would appreciate all responses prior to traveling to NuAire. To facilitate this, I request yes or no responses to the 7 questions below:

1. Do you approve of the use of *Bacillus atrophaeus* (1e6 spores) biological indicators for the validation study?
2. Do you approve the proposed placement of BI's, namely 2 BI's at each of 6 locations: 3 in the exhaust HEPA, 1 in the supply, 1 below the workspace, and 1 within the positive plenum of the test BSC, for a total of 12 BI's per run?
3. Do you approve of the use of a dilute sodium thiosulfate solution to deactivate potential residual chlorine dioxide from the BI's?
4. Do you approve the use of go/no-go analysis for these BI's?
5. Do you approve of calling a trial on a cabinet successful for the validation if by the criteria in sections 4c-4f in the attached protocol?
6. Do you approve of ClorDiSys Solutions, Inc. performing the second half of the validation trials?
7. Do you approve of these latter trials being performed on 4 Baker BSC's located at the Micro-Clean facility?