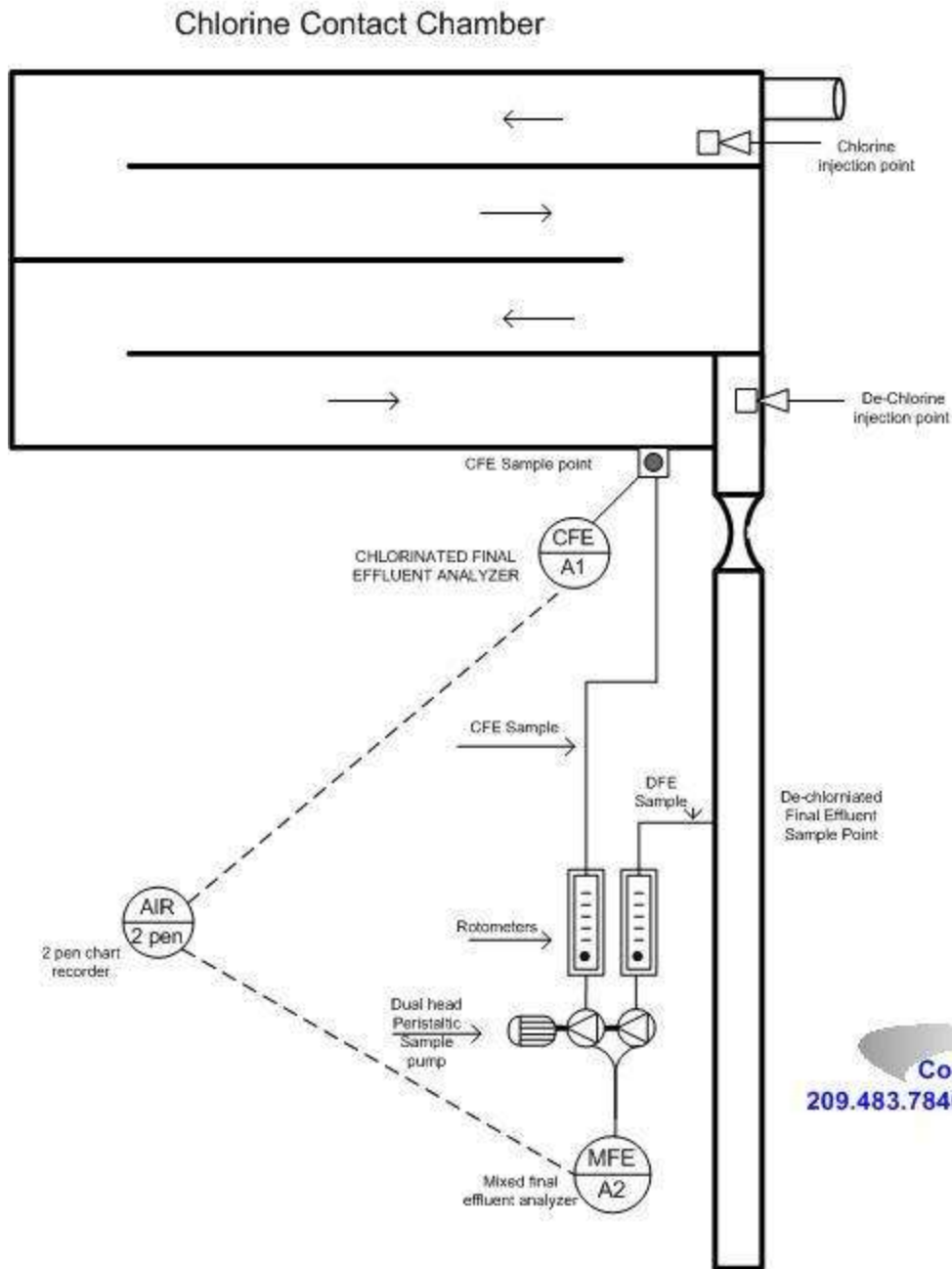


Chlorine Bias System



Utilizes 2 CL2 analyzers, 1 on the CL2 Final Effluent and 1 that reads a 50% CFE and 50% De-chlorinated Final Effluent which gives you a Mixed Final Effluent Residual.

$$\text{MFE} \times 2 - \text{CFE} = \text{DFE}$$

As long as the DFE calculation does not exceed CFE you are in compliance. The State of California has accepted CL2 bias system as a means of monitoring CL2 residual on treatment plant effluent. This bias system helps resolve issues with CL2 analyzer accuracies in the .1 PPM range.

Be sure to get approval from your regulatory agency before implementing this system.

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