

ASPE TechSymposium 2021



Brian Soderholm

Brian Soderholm is President of WCC, also known as Water Control Corporation, based in Ramsey, Minnesota.

He has a B.A. in Economics from Kalamazoo College and an MBA from the University of Minnesota. He has more than 25 years of experience in the construction and installation of commercial water treatment systems all around North America. This year, Water Control is celebrating 50 years in the water treatment and conditioning industry, specializing in engineered systems for commercial, institutional, and industrial applications.

This includes pure water, water recycling, pathogen control, softening, and specialty filtration packages. Brian is the proud father of three children, is blessed to live with the love of his life, and enjoys snowmobiling, hunting, running with his dog, and drinking good beer.

Water Treatment for Commercial Humidification

This presentation will provide a brief overview of different types of commercial humidification systems, their individual feedwater quality requirements, and the methods available for meeting these requirements. The discussion will begin by defining water “purity” and explaining how it is measured. Then it will spell out minimum feedwater quality levels for electrode, isothermal, and adiabatic humidification. In addition to broadening their knowledge of these different humidification technologies, attendees can expect to learn how water softeners work and the basics of RO/DI (reverse osmosis/deionization). They will also leave with a broadened knowledge of the many different components needed to construct a functional high-purity water system. Finally, they will learn about pure water distribution piping, system disinfection, system sizing, and the benefits of prefabricated equipment.