

WATER TREATMENT PLANT USES THE PC-2300 FOR POST-OZONATION WATER

"Our David L. Tippling drinking water treatment plant purchased a Spectrex PC-2300 Laser Particle Counter in 2008. This particle counter was mainly used to measure the particle size distribution in post-ozonation and post-biofiltration water. The source water of our plant is river water which contains a large quantity of particles sized over a wide range. After coagulation and ozonation treatment processes, most particles range from 0 to 100 μm in post-ozonation water and from 0 to 10 μm in post-biofiltration water. Dilution of post-ozonation water by 100-200 times was necessary to obtain particle counts below 1000/ml while dilution was usually not necessary for post-biofiltration water. The PC-2300 particle counter is easy to operate and gives repeatable results of particle size distribution and total counts. The complementary software has a friendly interface and data is convenient to export and save. The particle counter is in a small and light case and easy to carry around. "

COMMENTS BY A USER IN FLORIDA IN MARCH 2010