



Treatment Hydraulics Webinar Outline

8:00 to 9:20	Detention Time Surface Loading Rate Weir Overflow Rate Equalization
9:20 to 9:35	Break
9:35 to 10:45	Short Circuiting Temperature Stratification Fluid Dynamics Laminar vs. Turbulent Flow Viscosity & Flow Rate Navier Stokes Equation
10:45 to 11:00	Break
11:00 to 12:00	Piping Hydraulics Straight Line Piping Bends & Turns Coefficient of Friction (Reynolds Number) Valves & Fittings
12:00 to 1:00	Lunch
1:00 to 2:30	Hydraulics - Kinetic & Potential Energy Hydraulics & Chemistry Pressure Measurement Flow Measurement
2:30 to 2:45	Break
2:45 to 3:45	Molecular Hydraulics Surface Tension Viscosity Settling & Mixing