

Figure 1. Graphical Determination of Off-gas Treatment
 assuming a 1 lb/day (0.45 kg/day) cap on VOC emissions

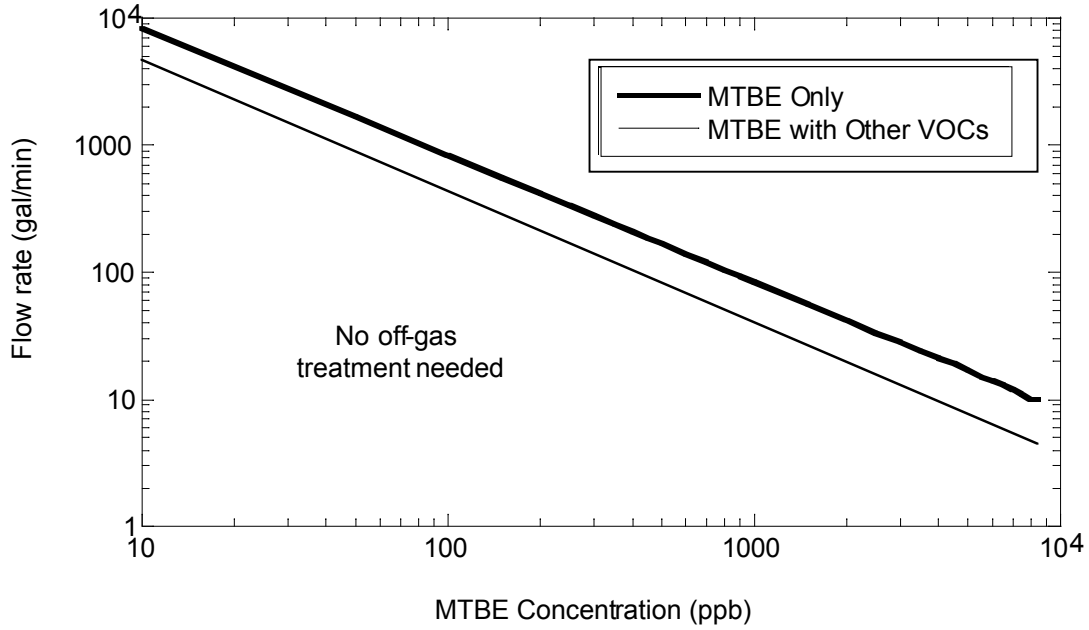


Figure 2. Temperature Dependence of MTBE's Henry's Constant

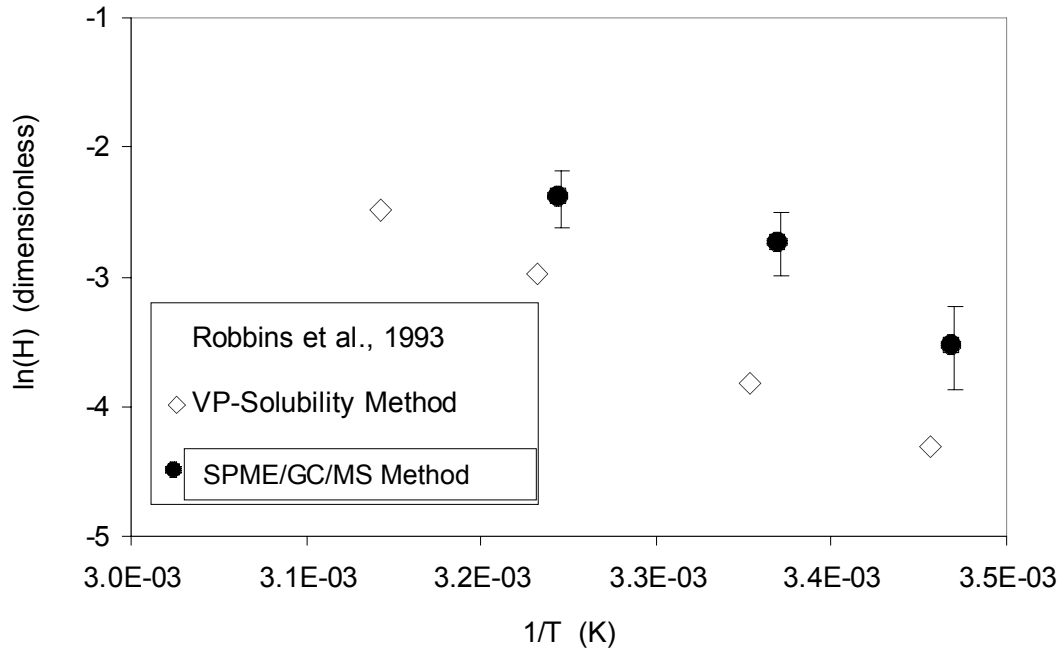


Figure 3. Packing Height as a Function of Temperature, 5 ug/L effluent

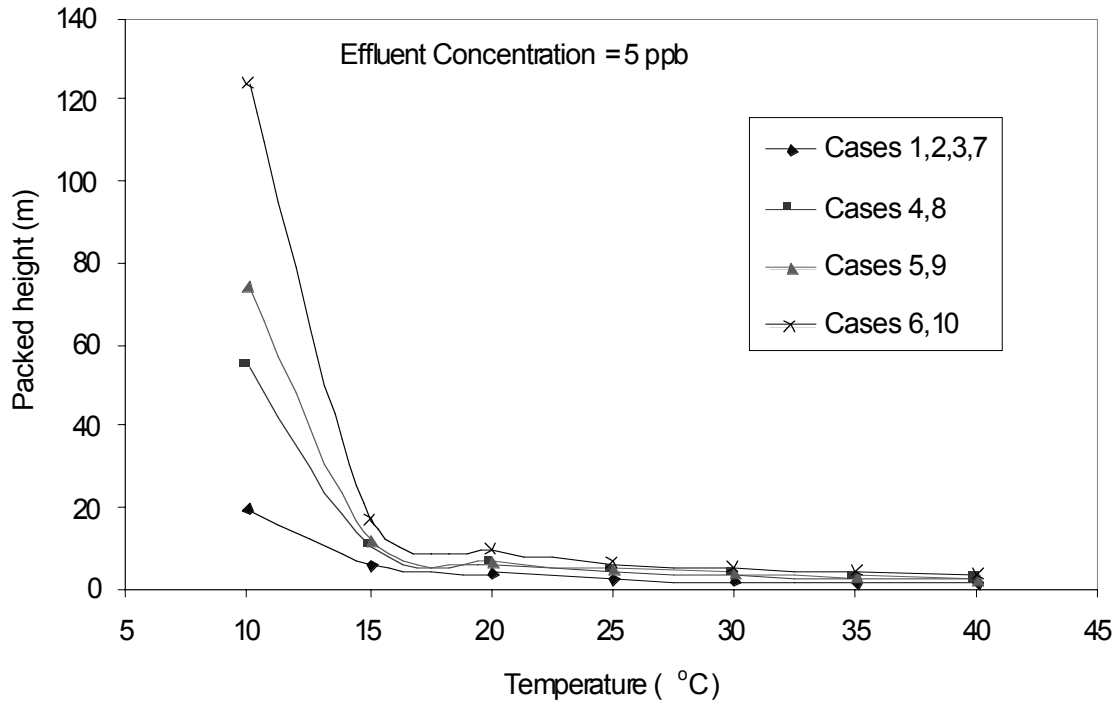


Figure 4. Packing Height as a Function of Temperature, 35 ug/L effluent

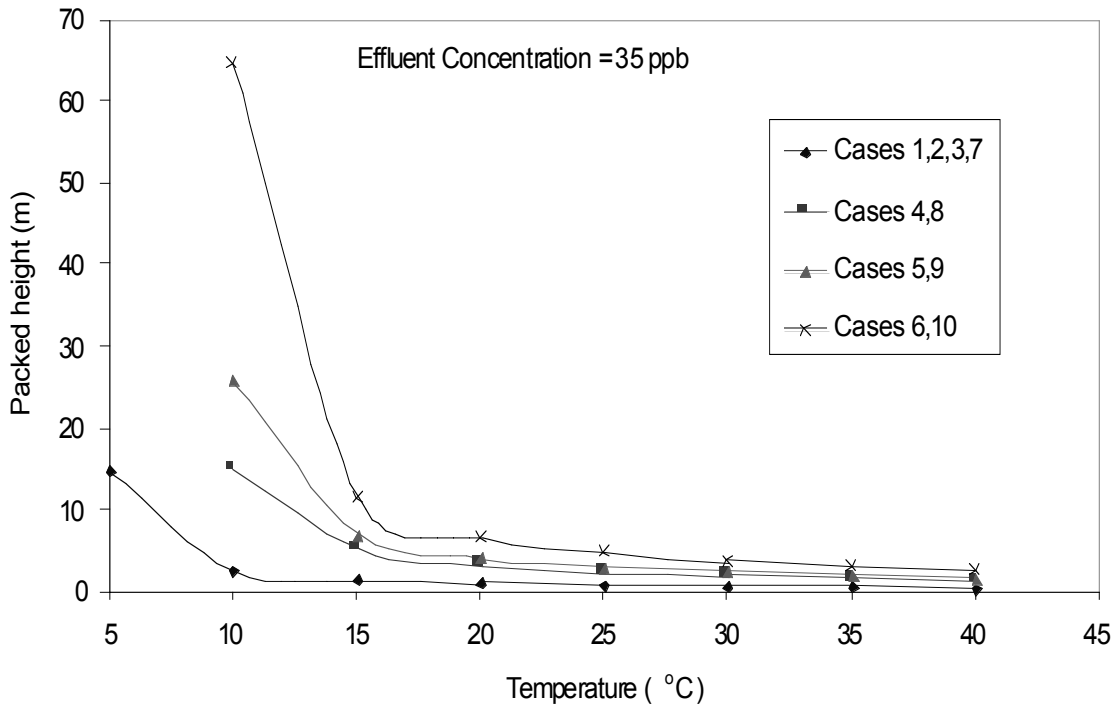


Figure 5. Equilibrium Adsorption Isotherm for MTBE on GRC-22

data from Calgon Carbon Corporation, 1998

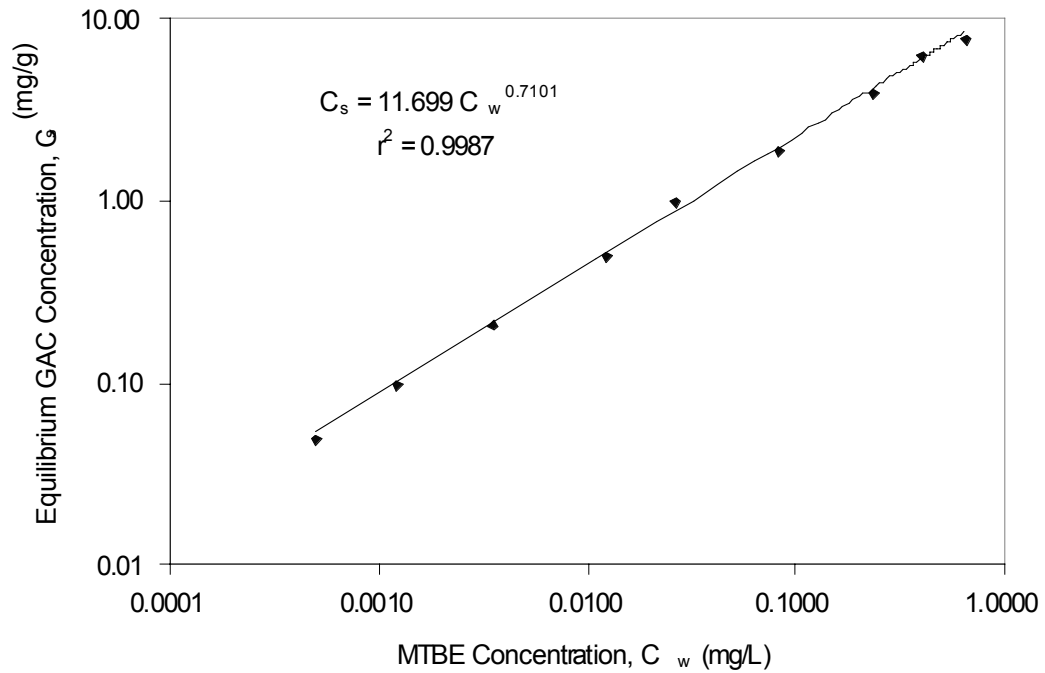


Figure 6. Flow Diagram for GAC with Steam Regeneration

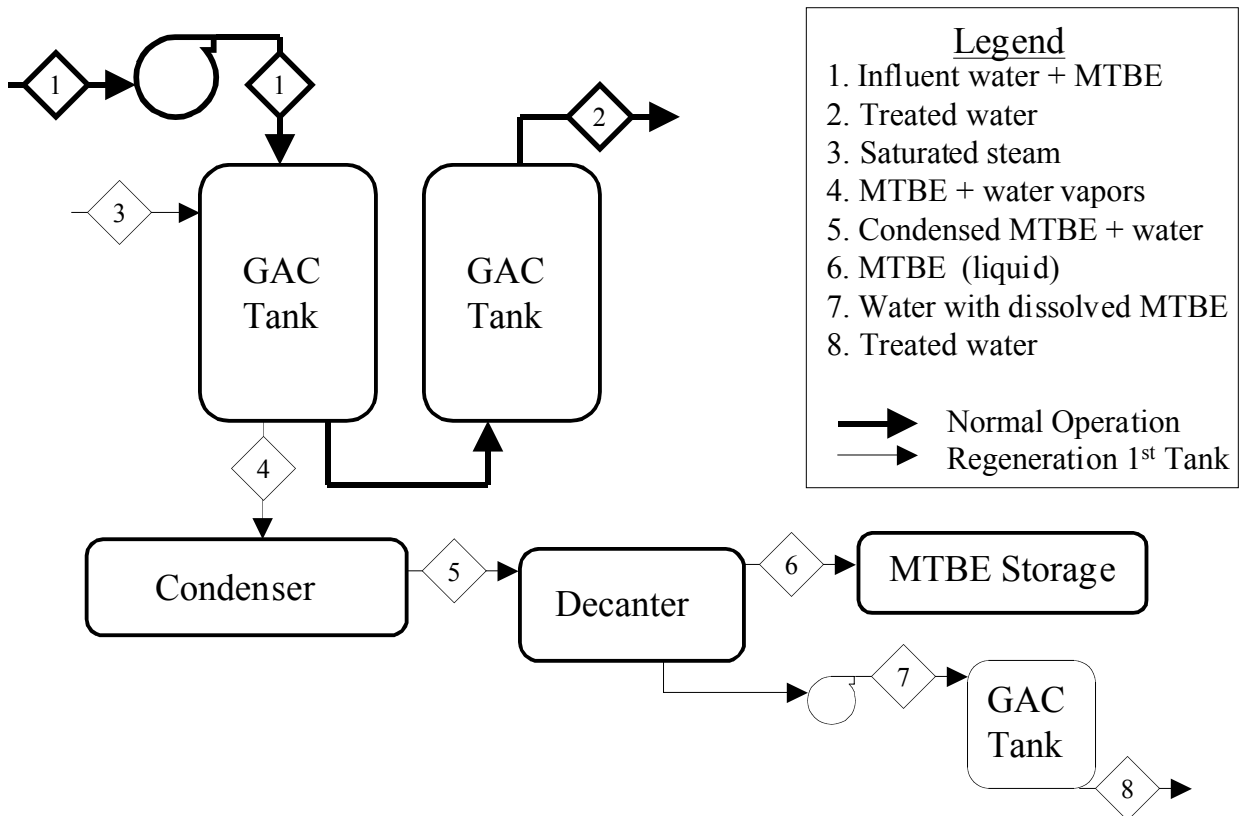


Figure 7. Temperature Dependence of MTBE Oxidation with Ozone

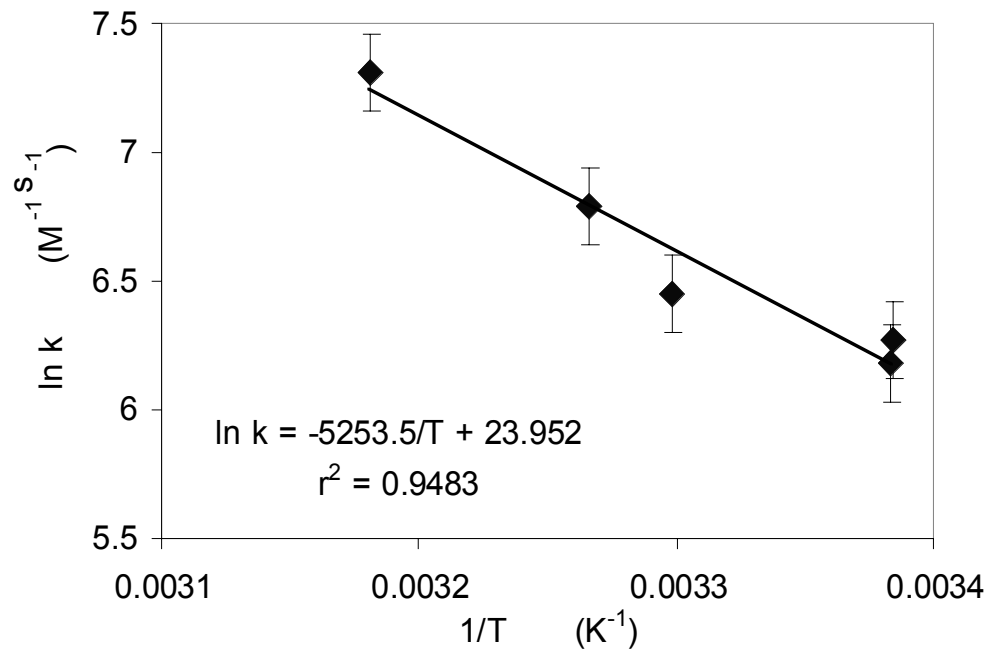


Figure 8. Typical Hollow Fiber Membrane Model Construction

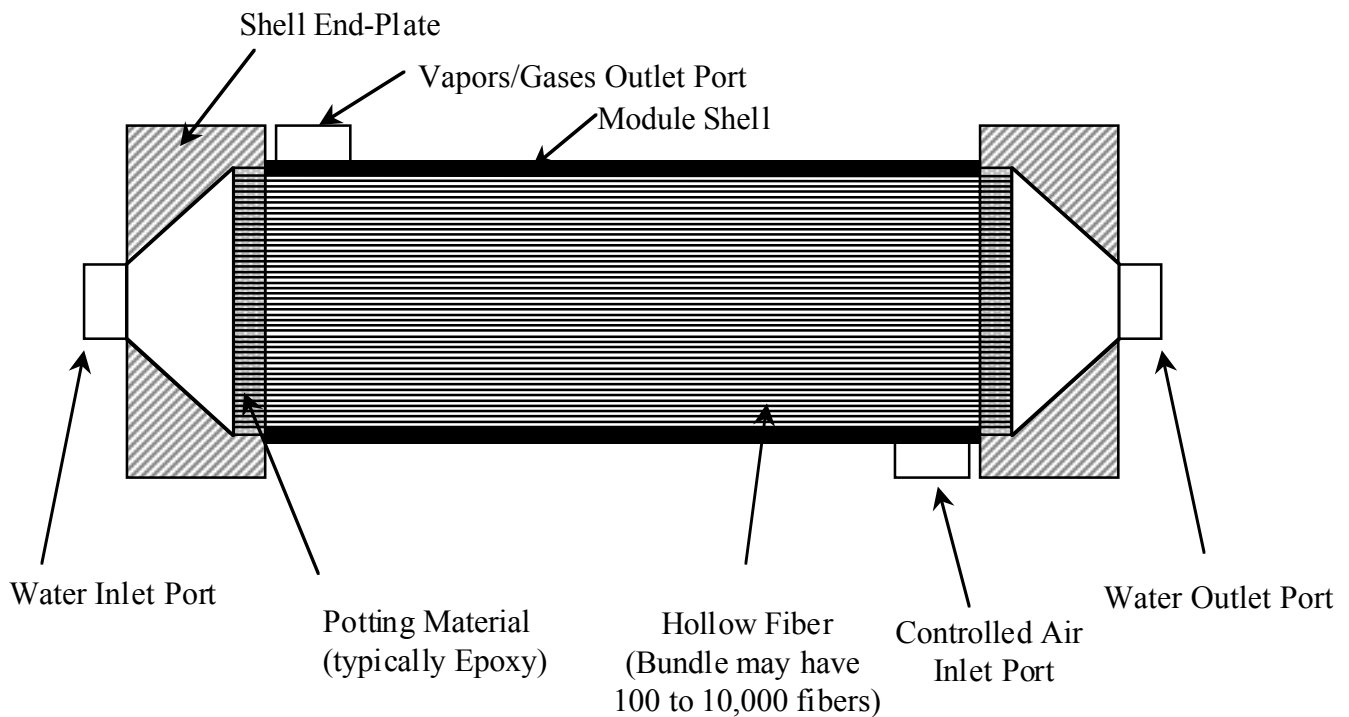


Figure 9. Hollow Fiber cross-sectional view

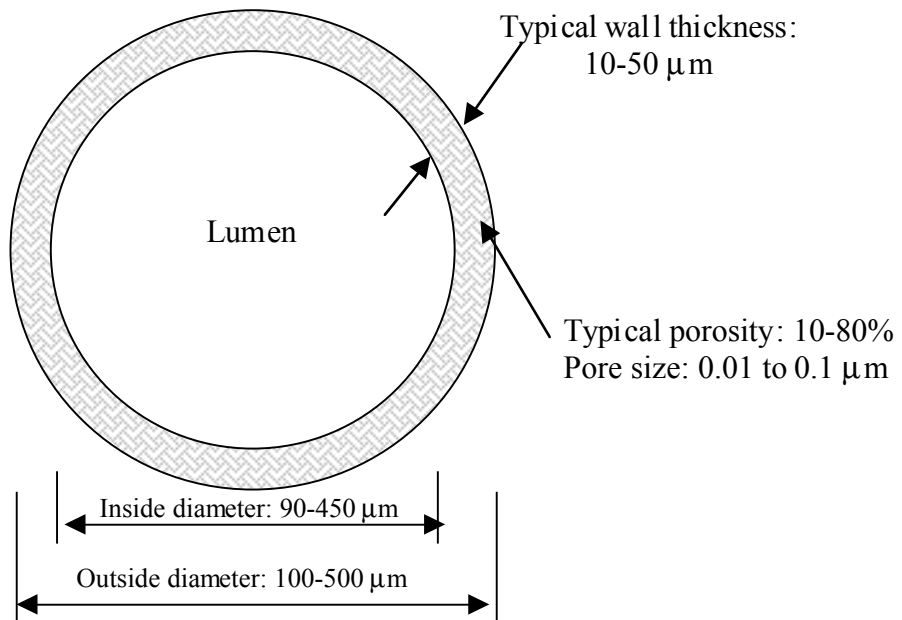


Figure 10. Hollow Fiber Membrane Process Diagram

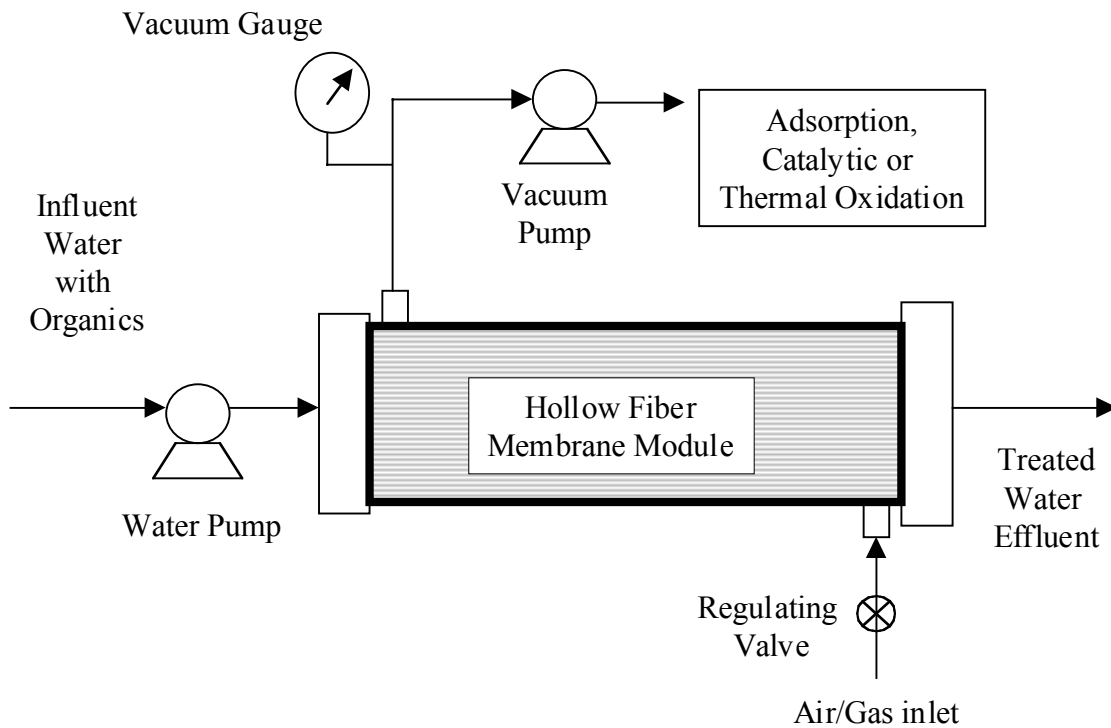


Figure 11. Comparison between theoretical and experimental removal efficiency for Hollow Fiber Membrane

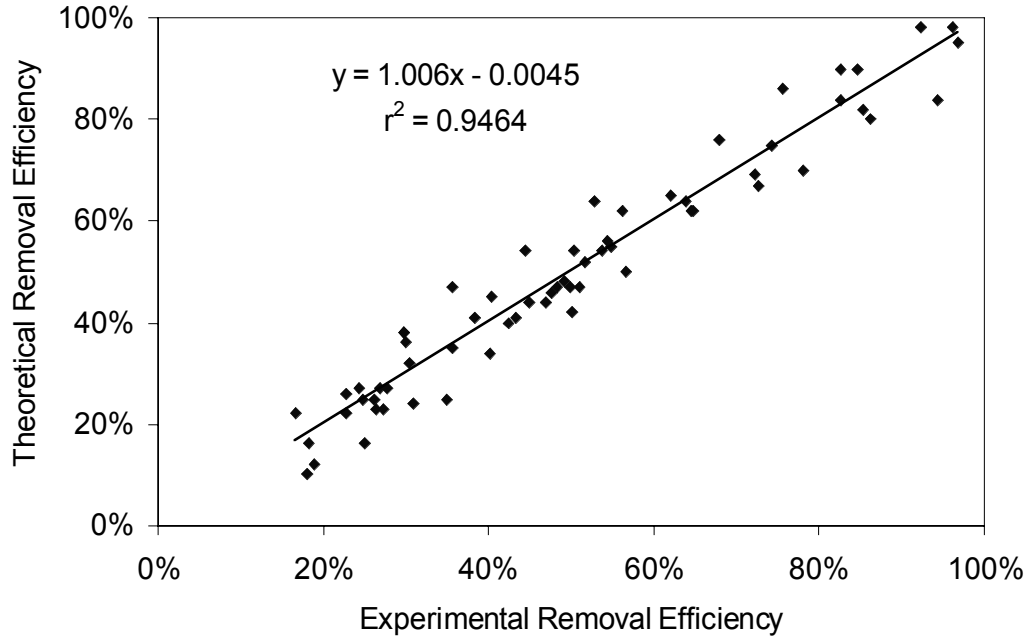


Figure 12. Predicted performance for commercial membrane

