Nikki Silva

Part I: Oxygen Depletion Kinetics

Lab 3- 9/17/13



K=0.14005

**Figure 1.** Measured dissolved oxygen concentrations with respect to time for data set 1. Circles represent data points and the line represents the fitted model. The fitted model represents a second order reaction rate.



K=0.3

**Figure 2.** Measured dissolved oxygen concentrations with respect to time for data set 2. Circles represent data points and the line represents the fitted model. The fitted model represents a zero order reaction rate.



K=0.11001

**Figure 3.** Measured dissolved oxygen concentrations with respect to time for data set 3. Circles represent data points and the line represents the fitted model. The fitted model represents a first order reaction rate.