**Memorandum**

**To: Deborah Sills, Ph.D.**

**From: Lauren O’Sullivan**

**Date: September 24, 2013**

**Class: CENG 340, Environmental Engineering**

**Lab 3: Nonlinear Curve Fitting**

**PART 1**



Figure 1. Data Set 3 measured concentration and time. Circles represent data points and line represents a first order fitted model.

K= 0.11001 (1/time)

Figure 2. Data Set 2 measured concentration and time. Circles represent data points and line represents a zero order fitted model.

K= 0.03 (concentration/time)



Figure 3. Data Set 1 measured concentration and time. Circles represent data points and line represents a second order fitted model.

K=0.14005 (L/mg\*time)